## Farm and Ranch Review VOLUME XLI CALGARY, ALBERTA

NUMBER 1

JANUARY, 1945

JAN 10 45

FORTY-FIRST YEAR OF SERVICE TO WESTERN AGRICULTURE

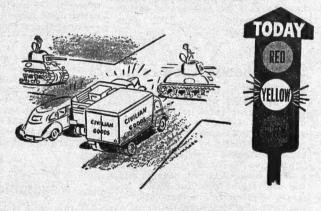
LIBRARY OF THE UNIVERSITY OF ALCERTA

"I must warn the House and Country against any indulgence in the feeling that the war will soon be over!

DON'T CONFUSE THE SIGNALS



War came. The manufacture of most civilian goods had to be cut down or stopped to make way for war production. That caused shortages of civilian goods-that was the RED LIGHT



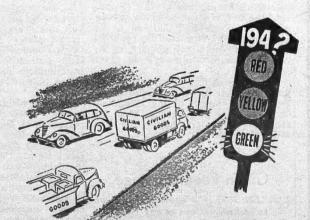
# don't jump the YELLOW light

Some restrictions are now being lifted, but it does not mean lots of goods right away. War's demands are still huge and must come first. We can't neglect them just so that some of us here at home can get a little more.

Don't confuse the signals - (This is the YELLOW LIGHT ONLY).

It means a little more of some things and it he' business men get ready for the time when will be more materials and workers avail

It does not mean the end of shortages' Getting back to peacetime production sarily be piecemeal and gradual, "Patience" is the word.



it's NOT the green light, yet

Only after Victory over both enemies can the Green Light be switched on, and the road cleared for enough production to meet all our civilian needs.

THE WARTIME PRICES AND TRADE BOARD

BARD 560 F225 v.41: no.1

1945

## THE WARTIME PRICES AND TRADE BOARD FARMERS' BULLETIN

#### FARM POULTRY SALES

Effective December 11, 1944, sales of chickens, turkeys, ducks and geese by farmers direct to consumers became subject to new ceiling prices. The ceiling on turkeys is the wholesale price for the zone in which the farmer lives, plus 20 per cent. For other kinds of poultry the maximum markup permitted for direct sales by primary producer to consumer is 25 per cent of the wholesale price. Markups apply to both live and dressed poultry. On sales to a purveyor of meals, the farmer's selling price must not be more than 10 per cent above the maximum wholesale ceiling price.

#### POTATO EXPORT PERMITS

Further exports of potatoes may be made from eastern Canada without endangering the domestic supply, a survey of stocks on hand shows. The expiry date of export permits already approved has thus been extended from December 20, 1944, to February 15, 1945. Approval will be given for additional export permits with the same expiry date.

#### POTATO STORAGE ALLOWANCE

On December 1, 1944, a potato storage allowance of 5c. per 75-lb. sack and 6c. per 100-lb. sack became effective. On January 1, 1945, there was another allowance of 5c. per 75-lb. sack and 7c. per 100-lb. sack, with no further storage allowance until March 1.

#### RATION BOOKS Nos. 3 AND 4 EXPIRE **DECEMBER 31**

All coupons in Ration Books 3 and 4 expire on December 31, 1944. These are the 10 "F" coupons for canning sugar; sugar coupons 14 to 45; "D" coupons 1 to 16; and preserves coupons 17 to 32, all inclusive.

#### **BUTTER RATION CHANGES**

To adjust consumption to supply during the winter months, changes have been made in the butter rationing system. These changes affect monthly coupon returns of producers covering sales or household use of butter. Starting January 1, 1945, butter coupons become good one at a time instead of in pairs and will remain valid until declared

Valid dates for the first four months of 1945 are as follows:-

Date	Coupon	Date	Coupon
January 4		March 1	a water
11	92	8	98
18	93	15	99
25	94	22	100
		29	e se la
February 1		April 5	101
8	95	12	102
15	96	19	103
22	97	26	

#### SLAUGHTERING REGULATIONS

Farmers who slaughter cattle, calves, sheep and lambs for the meat trade still require a permit. Carcasses must be stamped with the letters WPTB and the slaughterer's permit number. Beef, except Red Brand, must also be stamped with a number to indicate quality. Mutton must be stamped with the number 4.

Beef intended for sale must be defatted at the time of slaughter, as ceiling prices are based on defatted meat. Full details may be found in slaughtering circulars No. 5A and No. 7, which may be obtained from any Board office.

For further details of any of the above orders apply to the nearest office of the Wartime Prices and Trade Board.

## FIELD CROPS

#### Remarkable Achievement

THE GOVERNMENT informs us that the shipment of grain from the Lake head Ports of Fort William and Port Arthur enroute to the many markets of the World, for this year's navigation season, has broken all previous records. The total amount of grain shipped has been 441 million bushels, made up of: 291 million bushels of wheat, 80 million of oats, 55 million of barley, 8 million of rye and 7 million of flax. of flax.

This is a remarkable achievement and is the fruit of the efforts which have been made by our prairie farm-ers, the Grain Trade, the Wheat Board and transportation companies, all working smoothly together just like a well-oiled highly efficient machine, to produce and to move essential food-stuffs to our fighting men and to civi-

ians in war areas.

The public and the Government should be highly gratified with these results. It has been done quietly, with very little fuss, and, let it be said, for only quite moderate rewards to all concerned. concerned.

In the present struggle, Canada is using about 50 per cent of its entire resources solely for military purposes, and all war costs have been, and are being, met inside Canada.

#### Germination Test

GROWERS are advised that before and sealing by the Plants Products Division, a germination test establishing the viability of the seed must have been made by that Division. C. A. Weir, Acting District Supervisor, recommends that growers send at least a one-pound sample of clean seed to the Plant Products Division, Immi-gration Building, Calgary, and ask for a germination test and seed grade. The sample must be representative of the whole bulk of seed from which it was taken, and a fee of 75c must accompany the sample.

Growers should forward their sam-

ples at an early date so that when ready for sealing services they will not have to wait for evidence of satisfactory germination.

#### Saskatchewan Crop Failure

WARNING to farm mortgagors and WARNING to farm mortgagors and purchasers who are in a position to obtain benefits under the crop failure clause of the Farm Security Act, passed at the special session of the legislature, that they must give notice to the mortgagee or vendor before Dec. 30, 1944, was issued by Acting Premier J. W. Corman, K.C. No benefits under the act can be obtained unless such notice is given before that date, with the onus of giving such notice on the mortgagor or purchaser. Mr. Corman said the notice must be given personally or by registered mail on or before Dec. 30. The attorney-general's department could not prepare or supervise the sending out of such notices.

Under the act, crop failure is defined as a year in which, due to causes beyond the control of the mortgagor or purchaser, the returns from the crop amount to less than \$6 per acre sown to grain.

#### **Green Feed Shortage**

GREEN feed is a necessary addition to poultry rations at any time, but more especially during a long winter season. Sometimes this fact is over-looked when the birds are housed during the winter, but green feed in one form or another at that time is important. Green feeds are available in two forms: green and dried.

#### Good Seed Scarce

THE GOVERNMENT informs us that ALL farmers are advised to give the shipment of grain from the immediate consideration to their seed requirements for next year. Good seed is in short supply. Only those who place their orders for Registered or Certified Seed at an early date can be assured that their requirements

#### Alfalfa Seed Shortage

TT is estimated that in Eastern Canada there is not enough alfalfa seed to provide the normal planting re-quirements needed to maintain maxi-

quirements needed to maintain maximum production of meats, dary and poultry products, the Agricultural Supplies Board states.

Western Canada has surplus alfalfa seed, but as its normal market is in the U.S.A. the seed is purchased from growers at a price which does not permit payment of the increased freight on shipments to Eastern Canada and distribution there within the retail ceiling price of \$37 per 100 lbs., said the Board.

ceiling price of \$37 per 100 lbs., said the Board.

In order to provide for alfalfa seed requirements of Eastern consumers on a basis that is equitable to Western producers, the Board has undertaken to rebate to the buyer the carlot 'freight rate from Winnipeg to Eastern destination on shipments of alfalfa seed which have been approved by the Seeds Administrator prior to shipment

The approval of the Seeds Administrator, Ottawa, must be obtained before shipment is made.

#### Result of Oats Test

THE results of rust resistant oats THE results of rust resistant oats tests conducted at the Dominion Experimental Farm, Brandon, Manitoba, failed to show any great difference in the yielding ability of the varieties Ajax, Exeter, and Vanguard. The average yields for the three years, 1942-44, were: Ajax, 127 bushels; Exeter, 125 bushels, and Vanguard, 121 bushels. For the same period, Banner averaged 110 bushels, and Gopher, 111 averaged 110 bushels, and Gopher, 111 bushels per acre.

bushels per acre.

From the standpoint of maturity, Ajax was three days earlier than Vanguard and six days earlier than Exeter. Both Ajax and Vanguard showed good strength of straw. Exeter was inclined to lodge, being similar in that respect to Banner. Exeter had a somewhat larger seed than Banner and Vanguard but no real difference existed in weight per bushel, Exeter had the highest percentage of hull and Vanguard the lowest. Vanguard the lowest.

#### Vegetable Storage

AT this time of the year a thorough examination of all vegetables in storage is timely and well advised. Soft rots are appearing in many vegetables, states A. M. Wilson, Field tables, states A. M. Wilson, Field Crops Commissioner. This is particu-larly noticeable in potatoes, where frost damage prior to digging has re-sulted in rotting organisms becoming

Vegetables damaged in one way or another when being harvested may not all have been discarded with the result that they are showing evidence of breaking down by moulds and soft rots. Unless these are removed now, the damage will spread and otherwise sound vegetables will be affected also.

sound vegetables will be affected also. High temperatures in the storage cellar cause vegetable rotting organisms to increase rapidly. It is necessary, therefore, to keep temperatures around the 40° F. mark and to pick the vegetables over and remove those that are now showing any sign of breaking down. The timeliness of picking over these vegetables is important in that if they are left too long total loss may result.



## REX WHEAT OIL

The Great BREEDING Aid For CATTLE, SWINE and other LIVE STOCK



Buy More Victory Bonds!



Costs only 3¢ to 4¢ per post. Simply applied like paint, at the rot-line. Preserves all kinds of posts including Pine, Poplar, Spruce, Willow and Codar.

Cut your fencing costs. Make local Pine, Spruce, or Poplar last longer than Cedar. Double the life of cedar posts !

Over 90 Canadian Power Companies and Big Prairie Utilities like Calgary Power Co., Canadian Utilities Ltd., Sask. Power Commission and Winnipeg Electric, are using "Osmose". The U.S. Army bought carloads for the Alaska Telephone Line. Over 1,000,000 poles treated in Canada and the U.S. are your guarantee of satisfaction.

Like other farmers and ranchers you too can solve your Fence Post problems the easy, Inexpensive "Osmose" way.

See your local Lumber Dealer or write direct for complete illustrated literature.

Gallons \$3.95—treats 80-150 posts.

Mail orders shipped post-paid.

OSMOSE WOOD PRESERVING COMPANY OF CANADA LTD. Western Office: 331-6th Ave. W., Calgary

## In Oxford County

By R. J. DEACHMAN

IT rained that afternoon, a slow steady, misty rain which made everything wet, yet left little water on farm fields or city streets. I hopped off the bus and crossed the road to the hotel. The man who sleeps often, in these hostelries, can classify them when his fingers touch the latch. If the latch is loose the door rattles, so too does the hotel. Then you will woo Morpheus to the babble of endless conversation, the tramping of many feet, the slamming of doors—and awake, at last, from fitful slumber, wishing that the hotel keeper had never been born or that he had chosen another occupation.

pation.

It was different here. The latch did not rattle, the door flowed smoothly to a cushioned stop. The rotunda looked restful. The lady at the desk was quiet and efficient. "Yes, there was a reservation for me, room 14." The stairs were carpeted, the carpet protected by a rubber-like covering. I knew what I would find before I opened the door. The room was small but neat and clean. Everything was in its place. The lights were arranged to give light where it was likely to be needed. There was a chair beside the bed—a better place for a watch than under a pillow. There was a place to put your bag, a stick to prop the window open. The ash tray contained neither stubs nor ashes. The Gideon Bible was new, a half-morocco cover. Perhaps only saints slept here—they had used it little. Said I to myself: "Here is a hotel run by a man who has slept in a hotel, before he owned one. I wish that could be said of all hotel keepers".

But I did not come here from Ottawa to tell of places where men sleep—rather of places where they work and what they think and do. This is a restless age, but I am cheered by it. Once a very wise man remarked: "Poverty, if ever conquered and banished, will come again through the vices engendered in a world without poverty". He may have been right. At least it raises a questioning finger for those who condemn Adam and Eve for fooling us out of gardeners' ease. The restlessness of workers and farmers comes from success in past conflicts. They have achieved much—they seek more. Farm income, in the last few years, is higher than it ever was before. Instead of holding machines bought at high prices farmers hold bonds or money, ready for action, when goods, in reasonable supply, come once more to the market. The farmer now has reserves—in cash or bonds—this is a hopeful sign.

I talked to one man who thought

I talked to one man who thought that a farm of 1,000 acres was the size which would give the best results. Another felt that there were great possibilities in the 100-acre farm. With little help one man can operate it. The manufacturer is now giving more attention to machinery for the small farm. The man on the small farm would have to work hard at times but would have a reasonable amount of leisure. There were those who felt that 500 acres was just about right—large enough to permit economic operation—not beyond the range of efficient oversight. Farming is a task of infinite variety. Acreage does not measure capacity to produce. The important factor is production per acre, and it is amazing what has been done, from time to time, by men on small farms. The 1,000-acre farm would require a high degree of managerial ability. The question is, would it be available? It would be an excellent place to lose money if the owner could not measure up to the task.

Ordinarily farming presents difficul-

Ordinarily farming presents difficulties in this area of tobacco growing. When it is harvesting season for tobacco they pay startling wages, \$6 to \$10 a day. It is a short season but in times like these, when jobs are easy to get, workers jump from one task to another, and sometimes town industries close down to give them an opportunity to do so. Some dairy farm-

ers sell their farmyard manure to the tobacco grower, for the tobacco crop is hard on the soil—its a voracious feeder, and the grower is a privileged person in the price he gets for his crop—price in relationship to other farm products. He can afford to do these things, but it makes life difficult for the ordinary farmer. Selling fertility off the farm is a poor way of getting rich.

It may be that the agricultural situation will improve, over the years, from a radical alteration of our whole conception of diet and health. Plants cannot flourish without certain nutrients in the soil. The tone of animal life is lowered by their absence. The vigor of the human race, its capacity for sound, thought and action is determined by its food. When we realize these facts we may draw closer to the soil and to the farmer. It may alter the whole pattern of our lives.

soil and to the farmer. It may alter the whole pattern of our lives.

And what is industry doing—it is alert and vigorous. Industry will keep going after the war. The sights have been raised. It's good to hear a man in a small town talk of export business, of large firms telling of plans for expansion. Man can never be happy in the enjoyment of continuous rest—in devouring the achievements of the past, in eating the seed corn. What he wants is to build today for the enrichment of tomorrow—not for himself alone, but for the nation. In that lies happiness and progress. To build, always to build and never deliberately to destroy—that is the true destiny of the human race.

#### D. A. McCANNEL

New Editor of "Review"

We are pleaseed to announce to our readers the appointment of Donald A. McCannel, B.S.A., as editor of the "Review".

Mr. McCannel needs no introduction to western agriculture. While born on an Ontario farm, he grew up on an Alberta ranch and attended school in that province, graduating from Olds School of Agriculture and the University of Alberta. For many years Mr. McCannel devoted his time to agricultural writing, and he comes to the "Review" with a great fund of experience and knowledge of western agricultural problems. We can assure our readers that they may look forward to future editorials filled with food for serious thought from the pen of Don McCannel.

F. ANGLIN JOHNSON, President

#### **Machinery Still Rationed**

As the best method of ensuring delivery of available farm machinery to farmers who need it most, the present system of rationing new farm machinery and equipment will be continued until supplies are more nearly in line with the consumer demands. In making this announcement, the Wartime Prices and Trade Board caution farmers not to dispose of their old tractors or other rationed farm equipment this fall, unless they have a permit from the Board to purchase new equipment next spring. To help keep present equipment in operation, there is no limit on the production of remain parts.

there is no limit on the production of repair parts.

Even with an early end of the war in Europe, it will be at least a year before the supply of farm machinery can be increased to meet all demands, the Administrator of Farm Machinery points out. Canadian agricultural machinery production is limited by lack of sufficient manpower and by shortages of certain materials and malleable castings, roller and ball bearings, and motors.



Do More Work on Less Power

Farm type Grinders now sold in 9" and 10½" sizes and Mill Grinders in 13" model. Parts and plates available for all sizes. Double-sided plates assure long wear.

Full particulars: S. Vessot Co. Ltd. Joliette, Que. —or any branch of

INTERNATIONAL HARVESTER CO.

of Canada Limited



## Guessing Games Don't Pay!

—so don't try guessing when you come to "State Size" when ordering from your EATON Catalogue,

#### MEASURE and be SURE

It takes only a minute or so of your time — and think of the trouble and delay of re-ordering which it may save!

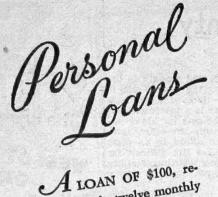
—and it's so EASY! Look in the yellow Index Section of your Catalogue—here are diagrams, charts and instructions that make measuring quick, simple and sure-fire.

Always Measure

— It Always Pays

T. EATON CO.





payable in twelve monthly instalments of \$8.34 costs \$3.25 at branches of this Bank. Other amounts are obtainable on the same scale of cost.

No extras - No service charges.

## MPERIAL BANK of Canada

"The Bank for You"



## The Post-War Reconstruction Committee **GOVERNMENT OF ALBERTA**

To build a "WORK PILE"-a reservoir of jobs for our returning Active Service men and women, challenges every citizen and all forms of industry and business in Alberta. The key to post-war rehabilitation is employment.

#### WHAT ARE THE FACTS?

For the purpose of organizing and securing the co-operation of farmers, householders and business men, a Survey Management Committee has been set up as a FACT FINDING BODY, to seek out the location of jobs and job-making opportunities for the post-war WORK PILE. A complete and comprehensive job survey is to be made under three headings: (1) A FARM SURVEY; (2) A HOUSEHOLDERS' SURVEY; and (3) A SURVEY OF RETAILERS, WHOLESALERS and SERVICE ESTABLISHMENTS.

#### THE FARM SURVEY

The purpose of the Farm Survey will be: (a) To discover the changes in farm organization which have occurred in response to war-time conditions, and the expected changes in production and employment after the war; (b) To record post-war buying intentions and preferences of farm families; (c) To gather suggestions for facilitating the change-over from war-time to peace-time organization on the farm.

2,000 farm families distributed over the Province will be interviewed and a questionnaire will be filled out.

You can help by answering the questions willingly and accurately when the representative from your Regional Survey Committee calls on you during the perod from January 15th to January 31st.

> LISTEN FOR FURTHER INFORMATION OVER YOUR RADIO.

#### SURVEY MANAGEMENT COMMITTEE

Qu'Appelle Building, EDMONTON, ALTA.

## Handy Devices

By Courtesy Popular Mechanics Magazine

#### REPAIRING PHOTO EASEL

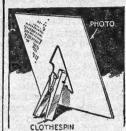


PHOTO A easel need not be discardwhen port tears breaks off. support Just replace the support with a clothespin which pro-vides easy adjustment any angle.

#### STIFFEN STAIRS

IF your base ment stairs ment stairs are weak and tend to spring up and down when you when you walk on them, they can be stiffened by nailing 1 by 3-in. strips



along the low-er edges of the supports. will take part of the bending strain and add much rigidity to the stairs. Nails used in fastening these strips should be staggered about 10 in. apart to help avoid splitting.

#### "BLOWER" ATTACHED TO SAW

BOTHERSOME sawdust that often



with a simple device attached to a hand saw. It con-sists of a small cylinder that is clamped onto the base of the handle. The sawing motion operates a plunger which forces air through a hole

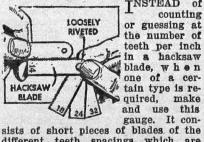
in the end of the cylinder This sawdust renear the saw teeth. mover weighs only three ounces and does not interfere with operation of

#### CONE LIFTS EGGS



in shape with strips of gummed pa-per tape. Pressed down over an egg, the cone lifts it easily, and may be detached by a slight pressure of the fingertips.

#### HACKSAW GAUGE



INSTEAD of counting or guessing at the number of teeth per inch in a hacksaw

different teeth spacings which are loosely riveted together, and have the number of teeth per inch stamped on

#### **GUIDES VALVE STEM**

WHITTLED from a piece of soft WOOD TAPERED FORK THE WOOD IS TO STEED TO STEED

tire, the tool is used to push the stem out of the rim, and when putting on the tire it is used to guide the stem through the hole.

#### SIGNS CHANGED EASILY



ONE farmer who often produce for sale at his home, used signs like the ones shown, which are hooked to the fence wires near his house. The hooks, which were nails driven part way into the board signs, made it easy to put up or take down the signs as required.

#### HINGED WINDOWS

HOLDING a hinged window open at

sash frame
with a heavy
staple or
screw eye and
drive a couple of nails into



gree of adjustment desired.

#### LADDER SEAT



TWO adjustable brackets on this ladder seat permit it to be supported in a horizontal position regardless of the angle at which the ladder must be used. The seat has two flat-iron hooks that slip over one rung and two brackets that fit over the next rung below the hooks. The brackets can be shortened or lengthened to level the seat ened or lengthened to level the seat.

## Farm and Ranch Review

F. Anglin Johnson, President E. PETERSON. Vice-President DONALD A. MCCANNEL, B.S.A., Editor MARTHA OLSON, Home Editor WESTERN ADVERTISING OFFICE: Calgary, Alberta W. C. KERR, Manager

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#### **FARMERS' FUTURE**

A question that is of particular and vital interest to all farmers and farming communities is, what national policy will ensure jobs for all and a reasonable high standard of living in a post-war world? They have no desire to live again through the years that followed the war of 1914-18. Farmers want to make sure that they can sell the products they raise and that they will be in a position to keep their land in good shape to produce that product. In simple words, the Canadian farmer wants, and is deserving of, stability and security.

Farming is not an easy but a difficult proposition, the uncertain element is ever present. Thirty years is only a small span of time in our lives, but even in that short time Canadian farmers have seen two wars, a minor and a major depression, and Yes, farming is a difficult a drought.

proposition.

There is a great need for strengthening the position of Canadian agriculture here at home and abroad after the war. This is being recognized both by farm organizations and Dominion and provincial governments. Reconstruction committees are being set up and given the great responsibility of investigating and reporting on the various phases of post-war reconstruction. In one way and another we can all lend a hand in this reconstruction. Canada is and always will be an agricul-tural country. Our whole future depends upon it. A depressed agriculture means a depressed Canada.

#### FARM HOUSING

The Economics Division, Dominion Department of Agriculture, is making a level of living study in Alberta. A preliminary analysis on farm housing in the Red Deer-Wetaskiwin district of Central Alberta reveals some interesting information. Since farming in this parkland region is usually considered to be representative of a relatively stabilized and well developed type of agriculture, it may be interesting to examine some of the findings in regard to the housing and home conveniences of these farm families.

The farm homes visited were rated by enumerators as in good, fair or poor condition; eighteen per cent were reported to be in poor condition, fifty-two per cent in fair condition and thirty per cent in good condition. Only three houses out of every ten were in good condition, yet the district compares rather favourably with many areas of Alberta and Saskatchewan.

The average number of rooms in these homes was 5.6. All farm homes of Alberta, according to the 1941 census, aver-

aged 4.1 rooms. It should be noted in comparison, however, that homes of hired help, and one-person households, excluded from the study, were included in the cen-Three-quarters of the families in the sample had one room or more per person. While the number of rooms, without consideration of their size, is an imperfect indication of the adequacy of living space, it is probably correct to infer that overcrowding was not among the more press-ing problems of most of the families

Electric lighting was found in about fifteen per cent of the homes. The majority, sixty-two per cent, depended on some type of mantle lamp, such as an Aladdin or gas mantle lamp. More than a fifth owned only coal oil wick lamps. The typical heating unit was the coal or wood heater. However, thirty per cent had a furnace or some other central heating

There was a gas or electric washing machine in about three-fifths of the homes visited. Half of the remainder used handpowered washers. One-fifth of the housewives were without equipment of either

Radios were common; these were found in ninety-three per cent of the homes. In ninety-two per cent of the homes there were sewing machines. Half of the homes were serviced with telephones. About twofifths had some type of sink. Several other important facilities were rare, for example, running water, soft water cisterns, and sewage disposal by a septic tank or its equivalent. Proportions possessing these three ranged from one in ten to one in

#### WHAT OF 1945?

When this issue of the "Review" is read by our subscribers across the rural areas of the West, Christmas will be a thing of the past, with, I hope, many happy memories of the great season in our hearts. As we reach the threshold of another New Year with the war continuing to cast its shadows across the world and in its wake bringing sorrow and sadness to many homes, I pray that God may bring strength and courage into such homes, for those whom we loved are not lost but gone on to accomplish their great eternal destiny under God. The task of our generation is to stamp out future wars. We know how to do it, and the vast majority of silent multitudes of suffering men and women throughout the world want it done. This time, if we have the faith, we shall not fail. Let us Canadians face this New Year of 1945 with that faith reborn in our hearts and lives.

9. auguis John 304

#### PRODUCTION OBJECTIVES

Canada for her wartime and immediate post-war commitments is long on wheat and short on meat. This was the picture sketched for delegates to the recent Dominion-provincial agricultural conference at Ottawa. Wheat stocks, despite increased demands at home and in outside markets for food and feed, are sufficient in a normal year to leave a considerable carryover; it is to the production of pork and pork products that continued effort must be directed.

Despite the magnificent contribution they have already made to the larders of their own and more needy countries in the five hard years of the war, farmers planning their output for 1945 will again be urged to "Hold the Line on Production",

particularly of pork and beef.

The demand for pork products this year will continue at a high level. Under the present United Kingdom bacon agreement, producers are assured continuance of current prices throughout 1945 and 1946 for all the hogs they are able to deliver. Britain's bacon requirements from Canada this year are expected to be at least 600,-000,000 pounds. To supply exports in this volume, inspected slaughterings of at least 8,300.000 hogs will be needed if restrictions of domestic pork consumption below 1944 levels is to be avoided, and of this number more than 5,000,000 head must be marketed in the three Prairie Provinces. Last year some 5,850,000 head went to market.

In 1944 Canada exported the equivalent of about 280,000 cattle in the form of frozen carcass or boneless beef and on the basis of the present record cattle popula-tion this figure is likely to be considerably

exceeded in the coming year.

The overseas market for both pork products and beef is practically unlimited. The contracts with the British Ministry of Food specify only minimum amounts to be delivered and any shipments in excess of these figures, taken at the stated price based on quality, are all to the good so far as the Canadian producer is concerned.

Canada's farmers and stockmen represented at the Ottawa conference were told that they had done an excellent job in maintaining the British bacon ration at a reasonable level. This effort must not slacken in the latter months of the war, these good customers must not be let down, and quite apart from the continuing patriotic responsibility the more and better bacon Canada ships now, the greater claim her products will have to a favored position on the post-war market with its re-vived competition.

#### POST-WAR EPOCH

A new post-war epoch in farm life is on its way. Comforts and conveniences of city living will be found in the farm home as shown from the results of a general survey made among manufacturers, dealers and electric power officials. Rural Canada is expected to go ahead faster in raising its standard of living than it has ever gone before. I would like to see all readers of the "REVIEW" saving and plan-ning now for the day when manufacturers are ready to supply the great demand.

# Safeguard.

## YOUR WAR SECURITIES with this low-cost plan



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#### **Dominion-Provincial** Conferences

AT the various annual Dominion-Provincial Conferences which have been held since the beginning of have been field since the beginning of the war to plan the agricultural pro-gramme for the ensuing year, hog production prospects have been well discussed. The recent 1944 conference provide no exception, the Agriculture Department recently said.

At the opening of the recent con-

ference held in Ottawa, Hon. James G. Gardiner said that the Canada-United Kingdom meat agreements for bacon and beef had been extended on the and beef had been extended on the present terms for an additional year, or until the end of 1946. Later the Minister read a communication from Colonel J. J. Llewellin, British Minister of Food, in which it was stated that Britain will require shipments of at least 600,000,000 pounds of Canadian bacon in 1945 if the present ration is to be maintained.

All this simply means the Depart-

All this simply means the Department explains that Canadian farmers now have a guaranteed market for all the hogs they are able to produce until at least the end of 1946. Moreover, if Britain's minimum requirements for if Britain's minimum requirements for bacon are to be met in 1945 without entailing a considerable reduction in the supply of pork products on the domestic market, it will be necessary to maintain hog marketings at or near the 1944 levels. This will not be easy, for provincial representatives, particularly those from the Prairie ularly those from the Prairie Provinces, are of the openion that some reduction in hog manight be in prospect for 1945. marketings

However, hog producers are now being urged to make every effort to held production at present levels, as the only other method of obtaining the bacon Britain needs from Canada would be to reduce the supply of pork products on the domestic market.

A year ago, following the 1943 Conference, the Dominion Government commenced payment of premiums on quality hogs. As announced, these premiums of \$3.00 on Grade A carcasses and \$2.00 on B1 carcasses will continue in effect till at least six months after the close of the war. The fact that adequate supplies of feed grains are now on hand, and increases grains are now on nand, and increases have been recommended for 1945 planting, coupled with the assurance of continuation of stable prices and quality premiums, should enable Canadian hog producers to maintain production with greater confidence than has ever before been possible, said the Department

#### New Distributor

OWNERS of livestock will be interested in the change that has recently been made in the distribution of the popular Franklin line of vaccines and supplies. Franklin Serum Co. of Canada, Ltd., has been organized to take over the Canadian distri-bution of these products. For 24 years the J. A. Dunnigan Co., with head-quarters in the York Hotel Bldg., of Calgary, have distributed Franklin products. The death of both Mr. and Mrs. Dunnigan made the new arrangement advisable. Mr. Roy Hibbert, well known in business circles of western Canada, is in charge of the new set-up. Offices, with enlarged wholesale stocks, will continue in the York Hotel Bldg. A new catalog is being prepared, copy of which will be gladly mailed upon request.

#### **WARBLE FLY**

A N article which appeared in the December issue of the "Review" was sent to us by a manufacturer of war-ble fly powder. The claim that the powder was "meeting all tests" is the claim of the manufacturer and not from any tests made by this publication.—The Editor.

#### **USE BACTERIN**

HEMMORRHAGIC Septicenna, states Dr. P. R. Talbot, provincial veter-inarian for Alberta, constitutes a real problem to the live stock industry and says that preventative measures are the most satisfactory means of handling the disease.

The disease can be controlled by im-

munization just prior to shipping, with Anti-Hemmorrhagic Septicemia with Anti-Hemmorrhagic Septicemia Serum. Within from five days to a week after the injection of the Serum, they should be vaccinated with a Mixed Bacteria (Bovine). This procedure has given excellent results in a large majority of cases. Where it is possible to vaccinate the animals at home the proper procedure would be possible to vaccinate the animals at home the proper procedure would be to administer the Bacterin several weeks prior to shipping, and, if possible, give a second dose about ten days before the animals are loaded on train, or truck, en route to the stock yards or feed lots.

#### Red Poll Annual Meeting

ANNUAL meeting of the Canadian Red Poll Association, held in the Prince Edward Hotel, Brandon, Man.,

Prince Edward Hotel, Brandon, Man., on Nov. 22nd, 1944.

Mr. Wilmott McComb, Hayfield, Man., was the unanimous choice of the meeting for president.

Other officers elected are: Vice-President, John R. Atkinson, St. Albert, Alta.; Hon. President, H. E. Waby, Enderby, B.C.; Hon. Vice-President, John C. Butler, Tyvan, Sask.; Secretary-Treasurer, P. J. Hoffmann, Annahelm, Sask. Sask.; Secretary-Treasurer, P. J. Hoffmann, Annahelm, Sask. Directors: For Alberta—John R. Atkinson; Thos. H. Howes, Millet. For British Columbia—A. E. Johnston, Enderby.

For Manitoba—Wilmott McComb; George Wilkinson, High Bluff. For Ontario—G. Mel. Hanna, Holland Centre; W. J. Halbert, Markdale. For Saskatchewan—A. D. Pocock, Moose Jaw; John Smith, Cabri; P. J. Hoffmann.

In his annual address he reviewed the Associations activities since the previous annual meeting. He dealt with the showing of Red Polls on the Western "A" and "B" fair circuits, and made particular mention of the successful showing made at Owen Sound, Ont., under the able leadership of Mr. G. Mel. Hanna, a director of the association. The donation of a the association. The donation of a pure-bred Red Poll heifer made by Mr. George Wilkinson, High Bluff, Man., for the benefit of the Red Cross was auctioned off at the Brandon summer fair. Mr. A. D. Pocock, of Moose Jaw, Sask., also donated a fine pure-bred heifer which was auctioned off at the Spring Show at Regina, the proceeds going to the War Charities Fund.

He stressed R.O.P. work at the same

time emphasized the necessity of retaining the correct dual-purpose type.

He also referred to the new Canadian champion milk-producing cow record, just recently completed—Oatland's Coral.

His cressed R.O.P. work at the same time and the same plane in the same plane in the same plane in the same plane is a same plane in the same plane in the same plane is a same plane in the s

record, just recently completed—Oat land's Coral.

His remarks were concluded with a brief review of the pure-bred cattle market situation which was exceedingly brisk during the past season.

The meeting heard annual reports by the secretary covering all phases of the new year's work. Among the high lights being the announcement of the new Canadian Red Poll highest R.O.P. milk record completed in 1944 by the cow, "Oatland's Coral, No. 11710," bred and owned by Mr. A. D. Pocock, Moose Jaw, Sask., with 16,464 pounds of milk; 644 pounds of butterfat in the mature class, 365-day division; thereby beating the previous milk record holder, "Merry Sunshine", by 982 pounds of milk, but the latter still holds the Canadian Red Poll high butter-fat record with 683 pounds. Oatland's Coral was made grand champion female at Regina summer exhibition and at that time weighed 1,565 pounds. tion and at that time weighed 1,565

## Farm Electrification In Alberta

#### 5—The Organization and Financing of Farm Service.

By PROFESSOR ANDREW STEWART

The following article is the fifth of a series on the subject of farm electrification in Alberta, written especially for the Farm and Ranch Review by Professor Stewart, Department of Economics, University of Alberta. The author, in recent months, has been engaged in a survey of rural electrification in behalf of the Research Council of Alberta.

RARM electrification, using central station power, presents some special problems of organization and financing. These problems result primarily from the effects of the wide scatter of farms on construction and overhead costs, and on the administra-tion and operation of rural systems. In the past the problems have been complicated by the relatively low and variable farm incomes.

Study of the organization of power

distribution in rural areas in the Provinces of Canada indicates little uniformity of procedure. While power commissions have been established in

commissions have been established in most of the Provinces, their participation in the actual business of power distribution varies considerably.

For example, in Ontario and Manitoba the provincial Commissions have been active in promoting rural electrification and in serving rural areas; but, until recently, the basis of operation has been significantly different, and the proportion of farms electrified and the proportion of farms electrified and the proportion of farms electrified is much higher in Ontario than in Manitoba. In Manitoba distribution of power, outside the metropolitan area of Winnipeg, was centralized in the hands of the Commission, and a policy of uniform rates was followed. In Ontario the Commission provided power to rural districts which controlled distribution and rate setting. This system resulted in a highly diversified rate structure over the Province. Recently the Ontario Hydro Commission has consolidated the dis- In this event, the urban users are con-Commission has consolidated the distribution of power under Commission control in a manner similar to the procedure in Manitoba.

procedure in Manitoba.

In Quebec and British Columbia rural centres and farms have been served exclusively by private companies; and the proportion of farms electrified is high in both provinces.

The position in Nova Scotia is intermediate between these two extremes, although a high proportion of the farms electrified are served by the

the farms electrified are served by the Nova Scotia Power Commission. When applications are received for service of farms close to the lines of a private company, the company is given the opportunity to construct the lines and to provide service within the district. If the utility does not undertake the service within a stated period of time, the Commission may itself make provision to distribute power; the power being purchased from the company. The proportion of farms electrified in Nova Scotia is relatively high, although not as high as in Ontario and British Columbia.

British Columbia.

The operations of the Rural Electrification Administration in the United States illustrate still another form of organization. Under this system farm distribution is undertaken by co-operative organizations. Farms in other areas may be served by private companies. (It may not be generally known that there are four small farm, electrification, co-operatives in farm electrification co-operatives in Alberta. Three of these purchase their energy from the City of Edmonton.)

The R. E. A. assists in the organiza-

tion of the co-operatives which, in the majority of cases, purchase energy from private companies already en-gaged in generating and transmitting gaged in generating and transmitting power. The Administration has been successful in organizing districts covering large numbers of farms, and in stimulating private companies to extend service to farm customers. However, in interpreting the United States, experience two points are significant. extend service to farm customers. Project in Alberta, the provincial con-However, in interpreting the United tribution would then amount to \$17.28 States' experience, two points are significant. First, the systems have developed during a period of buoyant connected, would in the aggregate farm incomes, beginning in 1935. Second, there is a noticeable tendency for the systems to be developed in the relatively favourable areas. Particilected areas of greater density of pation in the west-central states (where conditions are more comparable to those in Alberta) is relatively to support equal rates would be corlow; and within these states only the

areas of greater density of farms are being served.

Canadian experience suggests that,

except under the most favourable circumstances, it is difficult if not impossible to make the revenues from the sale of power to farm users cover all the costs of providing the service. The United States' experience indicates that progress of the costs cates that progress can be made on this basis. The R. E. A. systems are this basis. The R. E. A. systems are assisted only in organizing and in the provision of loans at low rates of interest. So far the experience with the loans has been highly satisfactory. But the R. E. A. systems have been slow to develop in states with conditions comparable to those in Alberta. There are some areas in Alberta, for example around cities and in the irrigated areas, in which farms could be served out of the revenues from the sale of power; but the number of farms in such favourable situations is

relatively small.

When an organization is selling power to urban domestic, commercial power to urban domestic, commercial and industrial users, and also to farm customers, it is difficult to segregate the costs, and to determine whether different types of users in different locations are meeting the full costs of providing the service to them. Rates

must be balanced by the gains from servicing urban and industrial users. In this event, the urban users are contributing to the servicing of farms. This is one way of securing the electrification of farms.

In Ontario, the Province with the largest proportion of farms electrified,

the Provincial Government has for many years followed a policy of direct financial assistance to rural electrification. Grants-in-aid have been made to cover fifty per cent of the initial costs of line and secondary equipment processary to take power to the farm necessary to take power to the farm property. By the end of 1941, the grant-in-aid totalled more than \$23 millions, and represented \$180 per customer. The Commission has also made advances to assist farmers in the purchase and installation of appliances.

chase and installation of appliances. In Manitoba, the Manitoba Power Commission Act has provided for a bonus equal to the interest and sinking fund on one-half the capital cost of taking power to rural centres. The of taking power to rural centres. The Manitoba Electrification Enquiry Commission, which was appointed and reported in 1942, recommended that the same assistance be made available to aid in a programme of farm electrifica-tion. The acceptance of this recom-mendation would place assistance to farm electrification in Manitoba on a somewhat similar basis to that in Ontario. The Enquiry Commission estimated the amount of the bonus at approximately \$25 per farm per year.

In a previous article in this series reference was made to certain estimates of construction costs for the electrification of 30,000 farms in the Province of Alberta. The capital cost Province of Alberta. The capital cost per farm was estimated at \$600 per farm. Assuming interest at 3 per cent and an annual sinking fund levy of 2.75 per cent, the capital charges per month would then be \$2.88. If the principle of assistance recommended in the report of the Manitoba Enquiry Commission were applied to such a project in Alberta, the provincial contribution would then amount to \$17.28

## "What's wrong with hand-picking brains?"

"What's your objection to hand-picking brains? You know that's what we farmers do. The best men we can find are hand-picked to head up our various farm organizations. Some are grain-growers, some raise livestock, some are fruit-growers ...

"Yes, but you're talking about the farming business -I'm talking about life insurance."

"I know that, but wait a minute. You'll agree that we farmers need the advice of people with all kinds of experience to protect our interests."

"Certainly . . . "

"Well, it's the same thing with our life insurance. Life insurance funds must be invested in a great variety of local and national enterprises. Policyholders expect that their money will be invested wisely and safely by men of good judgment and wide experience. Such men are hand-picked as life insurance directors and naturally many of them are directors of companies in other lines of business. Men with a knowledge of many businesses are the best protection we policyholders have."



## It is good citizenship to own LIFE INSURANCE

A message from the Life Insurance Companies in Canada

ZERO hour, D-Day. The English Channel swarms with the ships of the greatest Armada in history—more than 4,000 ships, many thousands of smaller craft.

The English Channel erupts. Two crisp words from more than 600 commanding officers, and ton after ton of high explosives rains down upon the Western Wall, upon German shore de-fences and coastal batteries which the Allied Air Forces have already pounded for hours. In one salvo the nine-teen-year-old battleship, H.M.S. Nel-son, lets loose eight tons of shells from the 16-inch guns of her three triple the 16-inch guns of her three triple turrets. The gallant old Warspite, veteran of Jutland, heroine of many engagements in this war, is there too. Other battleships and a powerful force of cruisers joined in this great bar-

Closer inshore, swarms of destroyers raced in to engage almost at point blank range whatever targets they could find, and the sea was alive with assault craft crammed with men who for four years had been training for this day.

On the beaches of Dunkirk was born the realization that this day must come. Even while, in May of 1940, a beaten army was pouring back on to English soil, extricated from what seemed certain destruction by the tenseemed certain destruction by the tenacity and skill and courage of a host of little ships, men of vision and faith foresaw the 6th of June, 1944. While the world held its breath, waiting for the conquest of Britain that would proclaim the downfall of freedom in Europe, Britain's Admiralty set to work on plans for the invasion of Hitler's Europe. Hitler's Europe.

#### Germans Overlooked Vital Factors

The Royal Navy had its landing craft — L.C.A.'s and L.C.M.'s — before Dunkirk, before, in fact, the war broke out in 1939. They had been used only for the reverse of their intended func-tion, for evacuating Allied troops from Norway and from France. Now they were the nucleus of the plans for the

return of Allied armies into Europe.
Other craft followed, larger craft for Other craft followed, larger craft for the larger needs. The first of these, a Landing Craft (Tank) ran its trials on the River Mersey near Liverpool just six months after Dunkirk. Hitler might dream of invasion; Britain planned it. The Royal Navy, which has played so many roles in this war, had yet to play its traditional role, and display yet again the axiom that naval might is the sure foundation and the sine qua non of victory.

The Navy's job was to put the pon-

The Navy's job was to put the pon-es—naval slang for soldiers—ashore in France. The Navy did that, without the loss of a single soldier. How it was done history will record as the most tremendous combined operation

The Germans believed in their Western Wall. Great underwater defences protected the foreshore, obstacles and obstructions of all kinds tipped with deadly mines. Vast concrete fortdeadly mines. Vast concrete fort-resses, gun emplacements, powerful shore batteries covered the beaches and their approaches, and minefields strewed the waters off shore. It seemed that what craft might reach the shore would inevitably perish on the obstructions or, held up by them, fall easy prey to the coastal batteries.

Two vital factors were overlooked in these German calculations—the meticulous planning that preceded D-Day, enormous fire power of the

It was easy to discount the latter. for is the battleship not generally regarded as a strategic but not a tactical asset? And has this war not proved that sea power is desperately vulner-

These miscalculations were exposed in the first few hours of D-Day. Aerial bombardment softened up the shore defences, disrupted communications inland, created havoc and confusion: but the pin-pointing of individual targets, the hammering of coastal batteries, the liquidating of powerful de-fences designed to hurl back the invaders on the beaches, was specifically the job of the naval guns.

## D-Day Naval Secrets of Landings These, then, are others of the Navy's functions. But even so they do

By LIEUT. D. WILSON MacARTHUR

to be necessary. The ships of the bombarding fleet expended considerably less than the 16,000 tons of ammunition they had embarked, in munition they had embarked, in smothering the defences and silencing opposition. Within two days scarcely a battery remained in action on the chosen beaches, and the naval guns were finding their targets far inland in support of the advancing troops.

By noon on D-Day H.M.S. Warspite

alone had fired 175 rounds of 15-inch, atone had fired 175 rounds of 15-inch, each round weighing a ton. Next day the Nelson was engaging targets at long range. Seventeen German guns in open emplacements were reported to be harassing advanced Allied troops; a few salvoes, each salvo nearly nine tons of high explosive, smothered their fire. An enemy concentra-tion was reported on one of the roads leading west from Caen, H.M.S. Nelleading west from Caen. H.M.S. Nelson opened fire, and the Forward Observation Officer reported that the target was covered from end to end. "Rapid fire effective. All hits."

Two houses formed a German strong point on the coast. The cruiser H.M.S. Mauritius opened fire. Her shells crept swiftly up the beach until she had the range—and salvo after salvo reduced the target to rubble.

Allied forces were pinned down by strong enemy concentrations at one spot several miles inland. H.M.S. Rodney dealt with the situation, her Rodney dealt with the situation, her shells pulping the German positions. Later, a big German gun was set up, fifteen miles away, in place of a coastal battery that the ships had destroyed. The cruisers Frobisher and Ceres steamed in and drew its fire; its position was plotted; and with a single salvo the gun was knocked out.

On June 8th the battleships Rodney and Ramillies, escorted by cruisers, assisted the 3rd British Division to hold an enemy counter attack. The cruisers Belfast and Frobisher were especially mentioned as having done considerable execution in an enemy concentration. In 24 hours 46 different targets were engaged by the ships.

Next day the Frobisher neutralized two enemy batteries and blew up an ammunition dump, and on June 10th there were 27 sustained shoots. On one occasion a strong force of Tiger tanks was observed advancing, and the Forward Observation Officer called for the aid of a cruiser's guns. The was 20,000 yards; the leading The range were within 300 yards of the British infantry; but the cruiser's shells fell plumb among the Tigers, which were routed and driven back with heavy

#### As The Beach-head Deepens

So it goes on, day by day. As the each-head deepens, as the Allies beach-head deepens, as the Allies thrust their way southwards, the great ships engage targets at their maximum range, up to 30,000 yards; and on the flanks they continue the terrific hammering of the Western Wall and its batteries at close range. No land artillery can match this colossal fire power, for the battleships are great floating batteries which can be brought up at a speed of 30 knots to engage their targets.

That is, in the main, the function of the heavy ships. It is only one part of the Navy's task.

Ahead of the great Armada more than 200 minesweepers had cleared and buoyed a wide swathe of safe water from the English coast right to the shores of Normandy. That opera-tion, necessarily carried out in pitch darkness and in heavy weather, was the first of the outstanding feats of D-Day. Even in broad daylight station-keeping is a tricky business for a single flotilla of sweepers. In dark-ness, with a 2-knot tide which, half way through the operation, changed direction, it called for the highest skill and seamanship.

Guns Did Fine Work

In spite of bad weather and a vance before its gear could tangle up have been choppy sea those guns did their work the following ship's sweep. It had to ning fight—so well, in fact, that the continuous bombardments carried out were without delay. No matter what might chronicle.

lighter than the planners had thought happen, the flotillas had to maintain a steady course and a speed, adjusted to the speed of advance of the fleets that followed astern. One single slipup, one single error of judgment would imperil the whole enterprise. But the sweep was carried out. The lane of safe water was cleared. The Armada sailed on

That did not finish the work of the sweepers. They have swept continuously ever since, widening the lane of safe water, clearing new channels, ensuring that no danger to the convoys follows from new enemy minelaying

Guarding the great Armada, and the unceasing flow of convoys that followed after and that continues without intermission, the Navy's light forces, destroyers, sloops, frigates and corvettes, patroled the flanks. On the night of June 7th E-boats in four groups attempted to break into the assault area. In the running fights that sault area. In the running ngmes that followed they were badly mauled and driven off.

#### Beating Off The E-Boats

Shortly before dawn on June 9th the ritish destroyers H.M.S. Tartar, British Tartar. Ashanti, Eskimo and Javelin, with the Canadian destroyers H.M.C.S. Haida and Huron and the Polish O.R.P. Blyskawica, intercepted a force of Ger-man destroyers off Ushant. Skilfully avoiding the Germans' torpedoes, they closed, and brought the enemy to action. One German destroyer was torpedoed and blew up; another was driven ashore in flames; the remaining two were heavily damaged before they made good their escape.

E-boats attempting to attack Allied communications have been driven off time and time again; H.M.C.S. Sioux and H.M. Ships Duff, Vidette, Melbreak, Serapis and Swift, and a number of Hunt Class destroyers operating under H.M.S. Stevenstone have all figunder H.M.S. Stevenstone have all ngured in these savage fights. On June 14th H.M.S. Ashanti and the Polish O.R.P. Piorun made contact with a force of seven German M Class minesweepers near the Channel Islands. Three were promptly sunk, another probably destroyed, and two of the re-maining three left stopped and fiercely ablaze, in spite of the enemy's shore batteries on Jersey.

Escort and patrol—the job is cease-less, unremitting. The convoys must be protected from U-boats as well as from surface craft; there are plenty of experienced and cunning U-boat of experienced and cunning U-boat hunters among the Royal Navy's escort groups to attend to that. Aircraft too—the Ack-Ack guns must always be manned. When enemy aircraft attacked a merchant convoy of June 9th, the destroyer H.M.S. Wanderer promptly shot one down; the convoy steamed on, and had neither casualties damage.

Particularly active have been the Particularly active have been the swarms of M.T.B.'s of Britain's Light Coastal Forces, with their battle-experienced crews of young veterans who for years have been nightly infesting German controlled waters along the coasts of France and Belgium and Holland, shooting up German convoys, shooting it out with E-beets, and award travelers and aven boats and armed trawlers and even larger craft.

Their sweeps have had a new intensity and a new meaning since the dawn of D-Day. Off Pointe de Barfleur, for instance, on June 9th, there was one of those split-second savage battles of the speedboats, with a Bribattles of the speedboats, with a British patrol cutting right through the German line, engaging them at less than 30 yards' range, sending one to the bottom, mauling another. Off Cap de la Hague, on June 14th, British M.T.B.'s came upon three German patrol vessels. They torpedoed the leading ship, set the second in line on fire. These are typical successes. These are typical successes. Nightly the flerce, brief battles take place; but the men in the M.T.B.'s are used to that; for night after night, month after month for several years they have been out looking for such run-ning fights as these, and finding them occasions too numerous ever to

#### No Detail Overlooked

not cover more than part of the whole. There is the great Armada itself-the thousands of naval vessels and merchant ships that ferry the troops and their endless equipment across to France. Parent ships for the landing craft, troop ships, tankers, store ships; landing ships of all sizes; rescue ships to stand by any casualties; rescue tugs to pull ships to safety, to go in and haul stranded craft off the beaches, to keep the whole vast complex of shipping functioning smoothly.

And there are the landing craft themselves. Landing craft in so great a diversity of types that they must number near a hundred. Landing craft for the first assault troops, the Commandos, the beach parties; landing craft for the follow-up troops; landing craft for tanks and mobile guns and bulldozers and the host of other mechanized vehicles of war; landing craft for water, and petrol, and oil; landing craft for the Allied Air Forces, for their ground crews, their construction men, their equipment; support landing craft, gun craft, rocket craft to give close cover and support to the others that touch down. There are even the Landing Barges (Kitchen) to prepare and pack in containers hot meals to issue to the crews of the smaller craft that have no cooking facilities on board. cilities on board.

Nothing has been overlooked, no detail has been too trifling to receive the closest attention.

So, with the great ships thundering their mighty salvoes to silence the German batteries, with the destroyers and support and gun and rocket craft to lay smoke screens, to saturate the defences at close range and to cover the landings, the first wave of assault craft rushed for the beaches, on that unforgettable dawn.

With them went the highly trained specialists of the Royal Navy's Obstruction Clearance Units, to deal with the vaunted underwater defences on foreshores of the Fortress of ope. That was the other of Hit-Europe. ler's chief miscalculations—that these obstructions would render a landing abortive. They had not been over-looked, in the long and careful plan-ning of The Day.

#### Ceaseless Vigilance

Some shore batteries survived the first pounding given them by the big ships, and the close-range saturation shooting of the smaller ships and landcasualties. There were, inevitably, casualties. The heavy seas running on that first day helped the enemy, for some of the unwieldy landing craft could not avoid the mined obstructions that the Clearance Units had marked for them and, slewing helplessly in the breakers, were thrown upon the tri-pods and damaged by the mines. Others came under heavy fire from surviving shore batteries. But these were only a few. The vast majority touched down and put their men and tanks and guns ashore as they had done, so many times, in exercise and in grim earnest on other beaches

They are naval vessels, these British landing craft, wearing the White Ensign, manned by officers and ratings of the Royal Navy or by Royal Marines. They carried too the Royal Naval and Royal Marine Commandos and Beach Parties who formed part of the initial wave of assault troops but whose job was to remain upon the beaches.

Naval parties cleared the foreshore, naval Beach Masters took charge and controlled the vast flow of traffic from ships. Many of these men had done the same job in North Africa, in Sicily, at Salerno and at Anzio. Until the at Salerno and at Anzio. Until the beach-head is widened to such an extent that the enemy's guns can no longer pound the beaches they must work, day and night, under fire.

Now the beach-heads are being widened. Now the Navy's task becomes one of supply—pouring an unending stream of men and materials into It is a task perhaps no longer spectacular; but it is one of ceaseless vigilance in which every ship, from the smallest of landing craft to the greatest of battleships, will continue to play its vital part.

## DAIRYMEN'S CORNER

#### Diseases of Dairy Cattle

PROPER management, as a means of preventing many of the diseases of dairy cattle is strongly advocated by Dr. P. R. Talbot, Provincial Veterinarian.

A very common way in which in-A very common way in which infection can be introduced into a herd is through bringing to the farm an animal affected with disease. For this reason any new animal brought into contact with a clean herd should be obtained from a farm where the cattle are known to be healthy and have proved negative to the various tests that can be employed to detect such diseases. The isolation of newly purchased animals, until the owner is satisfied that the possibility of contagion no longer exists, is also a policy that can be followed to very great advantage. The danger of carrying infectious diseases to clean farms by means of visitors, farm utensils or other means should not be overlooked.

Much useful information on the

diseases of dairy cattle has been pre-pared by Dr. Talbot for inclusion in a new bulletin issued by the Department of Extension, University of Alberta. Ask for a copy of Bulletin No. 41, "Care and Feeding of Dairy Cattle."

Ice Well Keeps Cream

THOUSANDS of dollars have been lost annually by Alberta Cream Producers because of the lack of some efficient and economical means of keeping the cream sweet and cool until ti is delivered to the creamery. Ice wells constructed by many farmers have served as an excellent means of holding cream at low temperatures during the hot summer months. Not only is the ice well very convenient in keeping cream thoroughly chilled, but it is economical both to build and operate. Ice can be stored during the winter months with a minimum of labour and expense.

D. H. McCallum, Dairy Commissioner, advises that the first consideration in constructing an ice well choice of the site. Since the well is in constant use from spring until fall, it must be in a convenient place with

#### International Trade

THE importance of international trade to Canada's national economy was emphasized by S. H. Logan in his presidential address before the annual meeting of shareholders of The Canadian Bank of Commerce. The productive capacity of the country had increased far beyond the present needs of Canadians, and any plans for post-war reconstruction must take into account the need of access to world markets, which would have to be cultivated from the very outset. Although war tended to render countries more self-sustaining, making it diffi-cult for Canada to expand her foreign trade, it should be remembered that Canada has during this war developed a technical skill for making articles of export which should stand her in good stead. He added that foreign trade worked both ways, and that Canada must be willing to buy as well as to

In this connection Mr. Logan quoted an extract from a recent speech by Lord Catto, the new Governor of the Lord Catto, the new Governor of the Bank of England, in which the speaker said: "Recovery will need a resurgence of that individual initiative, that resourcefulness, and that spirit of adventure which, in war and in peace, have ever of old contributed to our country's prosperity and to its greatness". Lord Catto added also: greatness". "Our problem will be to export in sufficient volume to enable us to pay for our current essential imports—of raw materials and food—to maintain the to have some surplus towards the gradual and orderly liquidation of our external obligations."

clean surroundings. It should not be placed too near the barnyard or any place where foul odours could be ab-sorbed by the cream. A site should be chosen where there is good drain-age for the melted ice and where sur-

ce water can't seep into the well.

The size of the well may vary as to the need of the producer. The smaller the top surface with greater depth of ice, the more efficient the well. To keep the well from caving in and dirt from falling into the well, a cribbing from falling into the well, a cribbing of rough lumber should be used. A cement collar around the top of the well also keeps the dirt from falling in and serves as a foothold for the building over it. The building need not be of elaborate construction. It is only needed to give shelter from the weather.

Further details of the construction and use of ice wells may be obtained by writing to the Dairy Branch, Department of Agriculture, Edmonton.

#### How to Produce Pure Milk

WITH the exception of poorly cared With the exception of poorly care a probably no other utensils which may add so many bacteria to milk as the shipping can. Even where shipping cans are washed and steamed at the plant or factory, some moisture generally remains in the can. When the can is left with the lid on in a warm place, millions of bacteria grow in the moisture and seed the milk at the next milking. Lids should be removed and cans placed upside down on a draining rack as soon as possible, so that they will dry out and bacterial growth will be checked. As a further precaution, the cans should be rinsed with hypochlorite. Cans used to carry skimmilk or whey back to the farm should be emptied and washed without delay.

The chief factors in the production

of quality milk and cream are clean, healthy cows and milkers; sound utensils, properly cleaned and steril-ized and prompt and adequate cooling. Attention to these factors will prevent Attention to these factors will prevent loss due to spoilage and will help raise the quality of Canadian dairy products, states the reprinted Special Pamphlet of the War-time Production Series on "Producing Pure Milk".

The term "quality milk" or cream includes a number of factors. Milk should be safe for human consumption—free from disease germs: have

from disease germs; have satisfactory food value as indicated by content of butterfat and proper a proper content of butterrat and other milk constituents; be free from visible dirt, and from unpleasant odours or flavours, and it should keep sweet for a reasonable length of time.

Valuable information on how to produce pure milk is contained in the Special Pamphlet No. 7, "Producing Pure Milk". A copy of the pamphlet may be obtained free by writing to the Publicity and Extension Division, Dominion Department of Agriculture Dominion Department of Agriculture

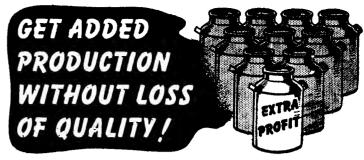
#### CANADA'S DAIRY COWS

THE Holstein-Friesian of Dutch origin; the Shorthorn, one of the leading British breeds; the Ayrshire, bred on the hilly lands of southern Scotland; the Jersey, whose original home is in the Channel Islands; the french-Canadian; and the Guernsey, which like the Jersey originated in the Channel Islands, are among the principal dairy breeds of cattle that have come established in Canada.

#### THREE INVENTIONS

. .

THREE inventions stand out prominently in the history of the Canadian dairy industry—the Babcock test for measuring the fat content of milk; the cream separator, and pasteuriza-tion. The last named revolutionized dairying by improving the quality of cream and milk used in manufacture or in fluid distribution.



## Feed DAIRY CONCENTRATE

The ALL-PURPOSE Supplement to home-grown grains.

MONEY-MAKER Dairy Concentrate is the economy all-purpose feed for both beef and dairy cattle. It contains the important minerals and vitamins for building bone and tissue . . . for helping cow's sustain peak production without loss of quality or body condition.



Mix 100 lbs. with 400 lbs. of your homegrown grains and feed I lb. daily for every 4 lbs. of milk produced.

Start Feeding Money-Maker Dairy Concentrate and step up Dairy and Beef Profits-NOW!





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# IT TAKES Both FOR BEST MILKING

## DE LAVAL MAGNETIC SPEEDWAY MILKER

Results... over a period of many years, on thousands of farms... prove fast and uniform milking are both essential to best milking.

The cow responds best and gives her maximum yield to uniform, regular milking. Dairymen know that

lar milking. Dairymen know that change and variation in milking speed and action . . . such as switching hand milkers . . . result in lowered

production.

Fast milking . . . with proper cow preparation . . . results in healthier udders . . . time savings . . . better production . . . less strippings and closer sanitary control.

The De Laval Magnetic Speedway Milker . . . with pulsations controlled at the Pulso-Pump by magnetic force . . . provides correct, uniform milking day after day without change. Fast milking is a built-in quality of the De Laval Magnetic Speedway...a direct result of its uniform, regular action... uniform, correct vacuum... and comfortable, properly fitting, pleasing action teat-cups.

Only in the De Laval Magnetic Speedway can you get both fast and uniform milking... essential to best results. And isn't that the kind of milking you want for your herd?

milking you want for your herd?

#### DE LAVAL STERLING MILKER

The De Laval Sterling Milker is particularly adapted for those to whom lower price is an important consideration. The Sterling Pulsator has only two moving parts, gives positive milking speed and action that pleases the cow. De Laval Sterling single or double units may also be used on any other make of single pipe line installation.

#### DE LAVAL SEPARATORS

Do Laval Cream Separators skim cleaner, last longer, cost less per year of use and earn more. They produce highest quality cream and may easily be washed in a few minutes' time under ordinary farm conditions. Made in a wide variety of sizes and styles and at prices to meet every need and purse. Hand or motor drive.



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Ask your Veterinary. Write for literature and sample.

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**Buy WAR SAVINGS Certificates!** 

## EXTRA EARLY NEW TOMATO Early Chatham



#### **Earliest Quality Tomato Yet Developed** -Valuable For All Parts of Canada

— Valuable For All Parts of Canada

Of immense value for the North and West and other short season districts. Highly desirable for all other areas too as an extra early sort producing fine quality ripe fruit as much as two weeks or more before most other varieties. Proved a sensation on the Prairies in 1943 and 1944, including such districts as Lethbridge and Brooks, Alta.; Indian Head and Swift Current, Sask.; Brandon and Morden, Man. Around Calgary, where first distributed under the name of "Alberta", gardeners were simply "wild" about it. At Lethbridge Early Chatham ripened a week to twelve days before other extra early varieties. At Morden, Man., it has yielded as much as 20% to 40% greater crops than other good earlies. Early Chatham is dwarf, non-staking, and may be planted as closely as two feet each way. Fruits uniform, fine shape and colour; delicious quality. Average about 2½ inches across but frequently larger. Order direct from this advertisement. As seed is not yet plentiful we cannot offer larger quantities than listed. (Pkt 15¢) (oz75¢) postpoid.

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## Did You Know?

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#### Help Penicillin Industry

THE extent to farmers are aiding increased production of the wonder drug; penicillin, has just been disclosed by the Dominion Department of Agriculture. From March 1 to October 1, 1944, some 1,500 farmers in Ontario and Quebec have farmers in Ontario and Quebec have provided 60 million pounds of whey for the manufacture of milk sugar and whey powder. Of this, 300 tons of milk sugar have gone into the Canadian manufacture of penicillin and 1,000 tons of whey powder into poultry and livestock feeds. The Department quotes penicillin manufacturers as saying that without increased supplies of milk sugar for the culture in which the penicillium mould is grown, the production of the most efficient bacteria-killer yet known to medical science would not have

cient bacteria-killer yet known to medical science would not have reached its present peak.

The usual use for whey, a by-product of cheese making, is for feeding hogs. But to many cheese factories the disposal of unwanted whey was a problem solved only by pouring it into creeks or cesspools. This year, whey which formerly was largely wasted, is being converted to useful products and its sale has brought "found" money to many Canadian farmers.

and its sale has brought "found" money to many Canadian farmers. For their whey, the farmers have received an estimated \$100,000 this year. But as a result of selling their whey, they have gained additional revenue: extra care in cheese factories—particularly in the handling of whey to make possible its delivery in the hygienic condition required by its buyers—has been reflected in a higher average score of cheese than in the previous year. The greater use of

#### Dunkerque

(The New York Times)

So long as the Englsh tongue survives, the word Dunkerque will be spoken with reverence. For in that harbour, a lost battle, the rags and blemishes that have hidden the soul of Democracy fell away. There, beaten but unconquered, in shining splendor,

she faced the enemy.

They sent away the wounded first.

Men died so that others could escape.

It was not so simple a thing as courage, which the Nazis had in plenty. It was not so simple a thing as discipline, which can be hammered into pline, which can be nammered into men by a drill sergeant. It was not the result of careful planning, for there could have been little. It was the common man of the free countries, rising in all his glory out of mill, office, factory, mine, farm and ship, applying to war the lessons learned when he went down the shaft to bring out trapped comrades, when he hurled the life-boat through the surf, when he endured poverty and hard work for his children's sake.

This shining thing in the souls of

free men Hitler cannot command, or attain, or conquer. He has crushed it,

where he could, from German hearts.

It is the great tradition of Democracy. It's the future. It is victory. used.

which Canadian steam sterilization of milk cans is ap-ing increased pro- preciated by the farmer's wife, who is now relieved of the task of cleaning cans herself.

The requirements of milk sugar for the penicillin plants in Canada in 1944 have been slightly over 300 tons. Those interested in the production of this drug say that the requirements of milk sugar in the new culture are at least three times of that used in

ny cultures made in the past. But this outlet for milk sugar is expanding, and present requirements of these plants are about 45 tons per month. With recent increases in the capacity of plants producing penicillin, 1945 production of this drug may require well over 60 tons a month.

#### **Short Course**

THE Alberta Department of Agriculture announces that the Three Weeks Short Course in Farm Repair work which was conducted at a number of country centres during the last two winters, will be continued again this winter. These schools are made available through the Dominion-Al-berta Youth Training Programme, each government being responsible for one-half of the operational costs.

With the continuance of wartime reone-half of the operational costs.

strictions on the manufacture of farm implements and tractors, farmers are limited in the amount of new equipment they may purchase and also in repair parts for worn-out machinery. These repair schools help to meet the emergency by training young farmers in the simpler repair work, much of which may be done at home on their own farms. The course is intensely practical, most of the time being devoted to actual shop work in the overhaul of tractors, small farm engines and various lines of farm implements and machinery such as plows, mowers, binders, etc. Each school is limited to a number that may be handled by

one instructor.

This season's schedule has already commenced with the opening of a school at Red Deer on November 28th, under the sponsorship of the Red Deer Board of Trade. The series will con-tinue through to the end of March, number of schools conducted depending in some degree upon availability ing in some degree upon availability of instructors with the necessary experience and training. Interested communities may obtain further particulars by contacting the District Agriculturists or by writing The Supervisor of Junior Activities, Department of Agriculture, Edmonton.

A SHEEP eats from three to five pounds of good roughage every day, according to its size. From this, one is able to calculate the amount of feed necessary for the winter. Naturally less roughage will be needed if grain, ensilage, or other feeds are used

#### Federation Heads



H. H. HANNAM Ottawa, Pres. and Managing-Director

W. J. PARKER, Winnipeg, 1st Vice-President

J. A. MARION, Montreal, 2nd Vice-President

Ninth Annual Meeting of Canadian Federation of Agriculture will take place at the Hotel Saskatchewan, Regina, on January 17th, 18th, 19th and 20th, 1945. The Saskatchewan Wheat Pool will be hosts to a Joint Convention Banquet—Canadian Federation of Agriculture and Dairy Farmers of Canada—on Thursday evening, January 18th, 1945.

#### Commonsense Savs: for Siniple Relieves pain and soreness

For relief from the torture of simple Piles, PAZO ointment has been splendid for more than thirty years. Here's why: First, PAZO ointment soothes infiamed areas, relieves pain and itching. Second, PAZO ointment iubricates hardened, dried parts—helps prevent cracking and soreness. Third, PAZO ointment tends to reduce swelling and check bleeding. Fourth, it's easy to use. PAZO ointment's perforated Pile Pipe makes application simple, thorough.

Get PAZO Now! At Your Druggists!

Buy More Victory Bonds!



#### **Drive Out Gas** that is caused by

#### Constipation

and comfort your stomach too

When functional constinution hange on and makes you feel miserable, nervous and out of sorts and you suffer from its symptoms—headaches, had breath, upset stomach, indigestion, loss of sleep, lack of appetite, and your stomach feels crowded because of gas and bloat—get Forni's time-tested Alpenkräuter and take exactly as directed on label. More than a laxative, it is also a stomachic tonic medicine com-pounded of 18 of Nature's own medicinal roots, herbs and botanicals. Alpen-

cinal roots, herbs and botanicals. Alpen-kräuter puts sluggish bowels to work and aids them to gently and smoothly expel clogging waste; helps drive out constipa-tion's gas, gives the stomach that splendid feeling of warmth. If you again want to know the feeling of warmth. If again want to know joy of happy relief from constipation's miseries and comfort your stomach at the same time, get Alpenkräuter

If you cannot buy it in your neighbor-hood, send for our "get acquainted" offer on Alpenkräuter and receive—

## FREE 60c Value — Trial Bottles of

FORNI'S HEIL-OEL LINIMENT—antiseptic—brings quick relief from rheumatic and neuralgic pains, muscular backache, stiff or sore muscles, strains and sprains.

FORNI'S MAGOLO—alkaline—relieves certain temporary stomach disturbances such as acid indigestion and heartburn.

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Enclosed is \$1.00. Send me post-
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of Heil-Oel and Magolo.
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# Recent HAPPENINGS?

Germany is liable to suffer severely from lack of bread this winter in the cities. Small country mills will have to furnish the country with its flour; large plants are being destroyed by bombing.

To meet the competition that may be expected in the post-war era, greater efficiency, improved quality and high livability in the poultry flock will be necessary.

Business generally continues to be exceedingly active, and is encouraged the high-producing power of the rural communities, due to one of the best crop seasons that Canadian agriculture has ever experienced.

Maior John Keffer Mahony, V.C., of New Westminster, B.C., is returning to Canada.

In addition to making life more satisfactory, electricity is wo marvellous changes in farm life. working

Efforts will be made to maintain Canada's export markets for farm produce in the years to come.

Working by flashlight in the cellar of a house which was being shelled by the Germans, Capt. W. J. Wolfe, of Skibbereen Co., Cork, Ireland, attended the birth of a child. (Capt. Wolfe is a first cousin of the publisher of the "REVIEW".)

Prince Charles, Belgian regent, recently arrived in Britain from Brussels.

Brig. J. A. de Lalanne is to succeed rig. James Mess as director of re-Brig. Ja: cruiting.

The Alberta Wheat Pool, at their recent convention held in Calgary, re-elected all their directors. Two directors, Mr. Jenson and Mr. Hutchinson were on the first board 21 years ago.

Agriculture Minister Gardiner told the House of Commons that the United States did not desire Canadian beef present Processed beef market was assured in the United Kingdom.

Despite the war, the general health of the nation is as good and in some respects better than in peace-

The Alberta Dept. of Agriculture has announced that the three weeks short course in Farm Repair Work to tractors and farm machinery will continued this winter.

While China seethes with war and internal problems, Mme. Chiang Kai-Shek is living in my-sterious seclusion in a New York suburb high above the Hudson

Four hundred Canadians who have been in Britain for two years as volun-teer fire-fighters are shortly leaving

Donald R. M. McLean, head of the Pacific Elevators Limited, and well-known in the grain trade, died in Vancouver, Dec. 5th.

In Halifax, N.S., white feathers, symbols of cowardice in the first Great Hon. G. H. Williams, War, have been handed to civilians by Minister of Agriculture.

The qualities of dogged heroism that have been displayed during these terrible years of war by the people of the British Isles have aroused the admiration of us all.

Plans are under way by the Calgary District Council for the control of cancer to sponsor a "Cancer Week" in January.

Still remaining a young man with a bright, and we hope a long future, Prime Minister Winston Churchill has celebrated his 70th birthday.

The Ontario Agricultural College at Hon. Lachlan F. McIntosh, uelph, Ont., foremost institution of Minister of Co-operation. The Ontario Agricultural Conege at Guelph, Ont., foremost institution of its kind in Canada, is to receive full university status. It will be the first agricultural university in the Dominion Minister Municipal Affairs.

Hon. C. C. Williams, Minister of Labour.

The Eiffel Tower in Paris is going to get a new coat of paint. It will take about 30 tons of paint to cover the structure.

King George celebrated his 49th birthday on December 14th.

It has been disclosed that a bomb crashed through the roof of Buckingham Palace and through the Queen's apartment during the London blitz.

Jumping Pound oil discovery well in the Alberta foothills, is reminiscent of the gas days of Turner Valley.

Camillien Houde has been re-elected mayor of Montreal. The mayor-elect was freed from in-ternment four months ago.

On Nov. 11th, at the Arc de Triompe in Paris as Mr. Churchill, in R.A.F. uniform, watched British, Canadian, United States and French troops march by, he witnessed the fulfilment of his prediction made in 1940 that France would rise again.

Lord Derby, who is 79, had a narrow escape from injury in Liverpool recently. The car in which he was travelling was in collision with an Army transport. His car was badly damaged, but Lord Derby was unhurt and only grinned.

With peace in sight, the lure of the Empire is being felt in Britain and many letters are being received asking about the prospects of emigration after the war.

Capt. R. W. Porritt was the first member of the British House of Commons to be killed in this war. He is buried in a little cemetery where there are also the graves of British and French soldiers.

Breaking a long silence, it is revealed that Benito Mussolini has made an appeal to his Facist followers.

As kimonas get in the way of quick movement during air raids, Japanese women are wearing garment roughly resembling American slacks.

Canada's butter ration is to be reduced to six ounces per person per week, effective January 1st, 1945.

There is no field of science and rhere is no field of science and industry in which more rapid pro-gress has been made, or which promises more revolutionary de-velopments for the future, than that of radio.

It is difficult to understand what motives impelled Mr. Churchill and Mr. Eden to adopt the course they have followed in Greece.

The Paris radio, quoting informed London circles, say the next meeting of Churchill-Roosevelt-Stalin will be held in Rome. No date has been fixed.

#### Saskatchewan's Cabinet

Hon. T. C. Douglas,
Premier, Pres. of Council and Minister of Public Health.

Hon. C. M. Fines, Provincial Treasurer. Hon. J. W. Corman, K.C., Attorney General.

Hon. Oakland W. Valleau, Minister of Social Welfare.

Hon. J. L. Phelps, Minister of Natural Resources.

Hon. J. H. Sturdy,
Minister of Reconstruction and Re habilitation.

Hon. Woodrow S. Lloyd,
Minister of Education.

Hon. J. T. Douglas,
Minister of Highways and Public Works.

## Ganada's Economic Position

#### S. H. Logan, President, and S. M. Wedd, General Manager, The Canadian Bank of Commerce, Show Requirements for Prosperity

At the Annual Meeting of the Shareholders of The Canadian Bank of Commerce, held in the Head Office of the Bank in the City of Toronto, December 12th, Mr. S. H. Logan, President, and Mr. S. M. Wedd, General Manager, presented a review of Business Conditions. Mr. Logan's address to the meeting follows:

As you know, the Bank Act came As you know, the Bank Act came before Parliament this year for decennial revision. Preliminary to its discussion in the House of Commons the Banking and Commerce Committee of the House thoroughly reviewed the Act as it stood and gave full consideration to various amendments which were suggested. Many of these were proposed by the Government with the purpose of enthese abling the banks to serve more efficiently the credit needs of the public and of broadening the lines upon which the banks may assist the trade and industry of the Dominion, both during the period of transition from war to peace and afterwards.

#### FARM IMPROVEMENT LOANS ACT

Of a somewhat similar character are the loans which may be made by any bank under the Farm Improve-ment Loans Act, the purpose of which is to ensure intermediate and short-term credit being more readily available to farmers for the purchase of implements and equipment as well the construction and improvement buildings, fences and drainage

#### POST-WAR RECONSTRUCTION

It is trite perhaps to point out that almost all economic discussion covering the future begins with a statement concerning the need for high levels of production and employment. This objective in effect suggests a counterpart — a relatively higher overall standard of living. The one cannot be achieved without the other.

The tasks of recasting the productive machinery cannot—must not—be under-estimated. Reconversion will not be automatic nor can it be viewed as simply a change of heart. The tasks ahead will neither be simple nor easy and this fact should condition us to a willingness to cocontains to a winningless to co-operate according each to his ability. Consequently policies being formu-lated for post-war economic activity are bound to have a marked influence for some time to come and therefore become a matter of present concern.

#### FOREIGN TRADE

As producers of primary products from our farms, forests and mines, we know that we are dependent upon and will continue to be dependent upon the markets of the world for the consumption of such goods upon which much of our preparaty rests. which much of our prosperity rests. Our productive capacity has been increased far beyond the present needs of our own people, and in any plans for post-war reconstruction we must bear in mind that for full consump-tion of many of our products we must have access to world markets and that we must develop such markets

When our future manufacturing policy is considered cognizance must be taken of the fact that these outside markets cannot be neglected at the start and picked up afterwards. Our markets abroad must be culti-vated from the outset if they are to be developed in the future.

While we in Canada can produce in our own country many of our necessities and luxuries and while trade within our own borders will always be an important factor in our always be an important factor in our national economy, international trade has been and must be a part of our economic fabric if there is to be achieved full employment, worthy standards of living, and the prospect of a comfortable old age which all of us would so greatly like to see.

Such a fortunate condition of our national life cannot be brought by Government paternalism or by Government action alone. For its realization there must be not only realization there must be not only foresight and thoughtful consideration by all of us but understanding and toleration between our rural and our urban people, and harmonious cooperation between employers and emplouees.

The results will not be achieved by following the theories of radical re-formers or by the formation of a multiplicity of political parties from which can emerge only national and economic weakness or impotence—a fact which has been demonstrated very plainly in other countries. There must be a unity of purpose between the people of all parts of Canada, unmarred by emotional or other prejudices if we are to attain the ultimate ideal of a free, happy, contented and prosperous people.

#### GENERAL MANAGER'S **ADDRESS**

ADDRESS

The more experienced members continue to bear the responsibility of instructing the large proportion of the staff who had had little or no previous training. Women employees now constitute 57 per cent. of the total, as compared with 21 per cent. in 1939. Members of the staff numbering 1,679 have joined the armed forces, of whom 178 have been casualforces, of wnom 178 have been casual-ties. The Bank is proud of its per-sonnel in the service and looks for-ward to welcoming them back in the not distant future.

Every effort is being made to exand the service of the Bank, particularly to small borrowers, and actively to offer the Bank's loaning facilities to every credit-worthy

#### **BUSINESS CONDITIONS**

One of the most significant economic developments this year is the physical expansion and improvement of the merchandising and industrial equipment of Canada.

New warehouses, factories, stores, etc., as well as extensions and alterations to existing establishments, undertaken during the past twelve months involve expenditures of over \$75,000,000. The amount for indus-trial projects, about \$50,000,000, is almost half as large again as in

The crop outturns, close to the record harvest of 1942, were not altogether the result of a favourable growing season. They also represent, as does the high output of live stock as does the high output of live stock products, a most strenuous effort on the part of farmers of this country. How strenuous this effort was can be judged by the fact that a total agricultural production about one-third above the pre-war average was achieved with an agricultural working population at least 25 per cent. below average.

The Bank has been fully employed The Bank has been fully employed in every phase of this great annual output of goods and services and at the present time, as our figures will indicate, is in an excellent position to co-operate in serving the future credit needs of the Dominion.

# S by PRACTICAL FAR

TUST previous to the recent cold JUST previous to the recent cold snap finding we had too many chickens in our poultry house for the available space, we decided to take a few in to Calgary. We had heard rumours that all was not well in the poultry marketing, such as day-old chicks that had cost say 15 cents and fed four months then bringing 25 to 20 cents. But I thought ours are good 30 cents. But I thought ours are good ones and this does not

Prices of

apply as we had paid
two cents extra for
R.O.P. stuff. So I got
out my "fish scale". We
proceeded to pick out

19 birds and put in a crate. They were New Hamps., nice, big, red ones. Anything that did not top a good four pounds was tossed back.

When I got into Calgary, I told the attendant at one of the local poultry marts, "Anything that does not bring marts, "Anything that does not bring say 75 or 80 cents, just put them back and I will take them home." And then we went about our shopping fully exwe went about our snopping furly expecting that these birds would all go through O.K. When I came to pick up the crate and cheque, lo and behold, out of 19 birds only nine made the specified 75-80 cents. Ten were earspecified 75-80 cents. Ten were earmarked No. 2 or eight cents per pound, or 32 cents per bird. I said "That's fine. I have friends I would sooner give them to than sell for that."

Stopping for a loaf of bread I chanced to mention my deal and the lady attendant remarked that she never paid less than a dollar for any bird she had bought. I ask you what becomes of the 32-cent birds? Not 32 cents per pound mind you but 32 becomes of the 32-cent birds? Not 32 cents per pound, mind you, but 32 cents for the bird. Are they sold back to the housewife who has to make her week-end meat dollar go as far as possible for 50 or 60 cents, or does she pay a dollar or more? A casual sur-vey at department store meat counters failed to reveal any on sale. Who gets the rake-off? And there are lots of these birds sold for that, for after the poultry raiser has gone to the trouble to bring or ship them to Calgary, he

seldom takes the trouble to take them home again and they are sold.

But not so with me. I did take them home. Some, they told me, had crooked breasts. Now I saw some of these birds when ready for the pot and while I did not put a "straight edge" on their breasts to see if they were straight, they surely ate all right. We used some for "chicken a la king", I believe is the name. One paid 35 cents for a small portion at the "Greasy Spoon" or "Fat's Quick Lunch" prewar and if you wanted a second helping you paid another 35 cents. Well, I had three helpings and did not pay 35 cents either and the remainder for 35 cents either and the remainder for dinner next day.

It probably all sums up to this. lany poultry raisers who took out the Many poultry raisers who took out the extra hatch of chicks last spring will not do so in 1945, but just enough to renew the flock and have a few early fryers for their own use and a few "a la kings" a year from now, and a few to give away to friends. But it would be interesting to know what becomes of all the 32-cent birds sold on the poultry market this fall. And I fear, too, that city housewives will I fear, too, that city housewives will probably pay more for their birds in 1945.—Norske, Balzac, Alberta.

I WAS interested in two letters which appeared on your "Editorials by Practical Farmers" page, in your December issue.

was from L. J. Cochrane, Coronation. He states monopoly capitalism is at the helm. I would like to see these words defined.

Reply to

They seem to imply that prices are held up in this coun-

L. J. Cochrane up in this country by monopoly control, by capitalism. If we give these words their broader meaning, he is I think right, but that means including as monopolies the trade unions, for the facts are that prices have risen because wages

prior to the advent of the war because the wage rate had risen, and it was thought better to spend large sums of money in the improvement of machinery and in the development of machinery and in the development of new machines to take the place of men rather than to hire the men. Now let me give you one or two facts which seem to corroborate this idea. Since the beginning of the war, wage rates in farm implement plants have risen 42%. This means that roughly an additional sum of five million dollars must be added to the cost of farm implements on the 1928 basis of production, and would probably mean that the indirect wage cost, that is addi-tional costs for raw material would add another five million dollars to the

When that happens we will be told that this is due to monopoly capitalism, but we have to remember this, the implement companies have a very direct interest in keeping prices down because with lower implement prices they will be able to sell more, and if the farmers are in a position to pay for them it means a larger volume of production, a more prosperous agriculture and hence a more prosperous condition for the agricultural implement makers.

Labour on the other hand has no such desire, it wants to get every possible dollar it can grab, regardless of the ultimate effect upon employment in the industry as a whole, for the men who control the Unions are the men who are employed, and who are likely to remain employed and the

men who are employed, and who are likely to remain employed, and the hard times are better for them than the good times, because during the hard times, cost of living falls, while the rate of wages remains up.

Read at the same time the letter from Mr. Walkden. Mr. Walkden points out that England is looking forward towards lower prices of food stuffs. I quote the closing paragraph: "In my opinion after the war is over "In my opinion after the war is over the British consumer will want to buy food as cheaply as possible, and he won't care where it originates." If food prices are shoved up too high, Britain won't buy—that is won't buy nearly so much. Britain will buy in Britain won't buy—that is won't buy nearly so much. Britain will buy in any country in the world where she can get the cheapest. Britain has to do it in order to live, and there is no escape from it. If we are going to build up a high cost structure in this country we shall pay the price in unemployment and poverty on the farms.

Mr. Cochrane seems to suggest that the farmers can get a lot out of the

the farmers can get a lot out of the Government if they join up with the Trade Unions. I wish him luck on that gay gamble. There are costs there, too.—R. J. Deachman.

TOTAL war demands total mobiliza-T tion. Total victory calls for the equivalent interwoven or interlocked—as in a clinch in the ring at a -as in a clinch in the ring at a wrestling match, so to speak. In this crisis civilization is threatened—I make a strong appeal to you farmers, who are the life blood of the nation, to identify yourself with your local union. However small a farmer you are, it's to your interest to join the organ-

it's to your interest to join the organ-ization which swings the pendulum in the direction of social and economic

farmers individually You realize your responsibility, irrespective of political affiliation. We can't live on politics without action. We can't lify yourself with the farmers' union which stands to support you and your family. In this way you help your government to formulate a policy ex-pressive of your particular programme

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seldom takes the trouble to take them have risen, and we had unemployment of which you should become fully achome again and they are sold.

But not so with me. I did take them the wage rate had risen, and it was whose plan is designed to protect your individual rights. Don't make the lame excuse that you have no time, for it's in your interest to make time in which to secure a programme, and list which to secure a programme, and list your name either by mail or personal interview with the secretary of the farmers' union. By this single and simple act you help lay the chief cornerstone of a new and progressive way of life which grants security to all.

This is the battle of the ages. Our government stands as representative of the people of every constituency and your co-operation is vital to the cause of economic freedom and will be appreciated by the government.

be appreciated by the government.

We depend for our very existence on
the farmer who has in the past received the least consideration in the plan of our economy, the results of which are indeed apparent to-day.—
E. Hall, Calgary.

I READ with interest an article writ-L ten by R. J. Deachman, entitled "Grievances Change Quickly", in which he tried to inform us that our grievances change quickly, and at the same time support the freight charges, the work of Grain Exchange, the work of the banks, and the profits of packing plants.

The railways are giving us good

service, but at the same time we find discrimination. We find that to ship

Reply to

Deachman

Churchill was \$1.19.
The distance being much shorter than to Montreal. There is also discrimination.

The work of the Grain Evolution against the farm-owned elevators.

The work of the Grain Exchange is ell known to the western farmers, and if it never returned no one would shed a tear, except those who were engaged in speculation. Speculation can be avoided and it is not necessary. It is detrimental to the interests of the farmers. If it were not, the farmers wouldn't have organized the pools.

wouldn't have organized the pools.

In his statement, "It may be carried by a co-operative company, which seeks the special privileges of dodging its taxes to compensate for possible losses," R. J. Deachman shows whose friend he is. By it he also shows lack of knowledge of the fundamental principles of concention, when he says ciples of co-operation when he says that co-operatives seek "special privileges of dodging its taxes to compensate for possible losses." The cooperatives do not seek special privileges. They pay their legitimate taxes, except the income taxes. They do not pay income taxes, because they haven't the income in the same sense. haven't the income in the same sense haven't the income in the same sense as the profit-seeking organization, like the Grain Exchange, etc. Through co-operative organization the members serve themselves at cost. The savings that the members collectively accumulate during the year are returned to them in proportion to the amount of business they have given their own or-ganization. Then this amount may be made taxable provided the individual's

income together with his savings come within the taxable bracket.

Harland H. Allen, an investment counsellor of Chicago, says that there is a whale of a lot difference between profit enterprise and co-operative enterprise. I'll quote only one difference which has a direct bearing on the matter under discussion.

"In private enterprise the sur plus is profit in both an economic and legal sense; in a co-operative surplus is an overcharge and is not profit in either an economic or a real legal sense."

Now coming to the banks. We find that Mr. Deachman states, "Banks operate on small margins". How is it operate on small margins". How is it that they were able to accumulate a substantial secret reserve? He says, "Then one of the theories

He says, "Then one of the theories was that bankers and financial interests deliberately planned to bring about a depression in the hope of getting rich

(Continued on page 15)





#### A Simple Incinerator

birds lying about the poultry plant, behind the houses, in corners and on the barn yard manure pile that it should hardly be necessary to enlarge on the menace of such lack of care and sani-

The question of what to do with dead birds, how best to dispose of them with the least amount of labour, is the stumbling block. Just as we had intended to dig a hole sufficiently deep in which to bury a dead bird, or a number of dead birds, something turned up to delay the operation. Then again, burning them is a proposition. To construct a proper incinerator is quite a job and looks like a great expense. Anyone can afford to install a simple and inexpensive incinerator such as described below, and which has proved satisfactory in practice.

It consists of an old iron barrel or

drum, with a square door cut near the bottom, a cold chisel being used for the purpose. Several holes are punched near the middle of the barrel and heavy wires threaded through from side to side to form a grate on which the carcasses to be burned are laid. If an ordinary oil drum is used, a good-sized opening must be cut in the top and a metal or wooden cover provided, which must be kept on if any dead birds are held for a short time before burning. When firing up remove this cover, put plenty of dry wood through the fuel opening, makwood through the fuel opening, maxing sure to have a good fire that will burn up all the carcasses and any other refuse that may be considered dangerous to have laying anywhere around the plant.

Of course we hope there will not be many dead birds to burn. It may be somewhat difficult to secure an iron oil drum but we understand that it is on drum but we understand that it is possible. In cases in which it is found impossible to secure an oil drum, an incinerator may be constructed by using old bricks.—T. A. Benson.

#### Anaemia In Swine

THE present is a particularly hazardous period in swine production and a little thought and preparation and a little thought and preparation now may result in the saving of the lives of many pigs that would not otherwise reach market age. Many farmers have fewer sower to farrow this year, and an increased effort will be required to save as many of the remaining litters as possible.

As with all diseases, prevention of nutritional anaemia is much preferable to attempted cure. Pigs once affected may not make a satisfactory recovery even though treated. They usually remain stunted and unthrifty or die from other causes.

Since nutritional anaemia is due to

since intertribute anaemia is due to a lack of iron in the sow's milk, it would appear that prevention would consist of feeding iron to the sow. Unfortunately this is not the case. The Extension Veterinarian, since this standing in in may result in an increased amount of information viron being stored in the bodies of the much interest. little pigs before birth.

Sufficient iron cannot, however, be stored in this way. Iron must be fed to little pigs individually, and possibly the best method at this time of year is to administer reduced iron. There is danger in overdosing with reduced iron, but that amount which covers a is approximately the dose for pigs. The iron should be placed two pigs. two pigs. The iron should be placed on the tongue of each pig, born between October and May, on the 5th, 10th and 21st days after birth. When the temperature is above freezing, sods thrown into the pen is another satisfactory method of providing iron.

Manitoba and Alberta both exceeded the production of this province.

#### Greatest Task Yet Ahead

said, in part:

"In the fifth full year of war, which brought with it the invasion and liberation of much of Nazi-occupied Europe, which saw the Soviet advance contin-uing triumphantly and saw, in the uing triumphantiy and saw, in the Pacific, new and severe blows against Japan, the Allied Nations made long strides toward victory. On the home front in Canada, the people continued meet the demands of their war effort with that vigor and resourcefulness which have won them an honored place among the nations. Their magnificent support of the Seventh Victory Loan in November was but one example of their energy and seriousness."

"In 1944, we continued to use to the utmost all our resources, both man-power and material, in the service of the nation and a review of the year's traffic reveals the magnitude of the work which has been accomplished."

"The National system is carrying twice as much freight as in the years before the war and nearly four times as many passengers."

"Over the years, the railway industry has not stood still. It has develop-

ed in efficiency and flexibility, contin-uously seeking to improve both its equipment and methods."

"At all times we have hed the lovel

'At all times, we have had the loyal and efficient co-operation of our staffs and we owe a real debt of gratitude to the shipping and travelling public. The active collaboration of the shippers has made it possible to take on heavier loads in our cars and to avoid unduly long delays in loading and un-loading."

"It is estimated that 82,000,000 tons of revenue freight were handled in 1944 as compared with 80,427,000 tons in 1943, an increase of 2%. The number of passengers carried in 1944 was 36,000,000 as compared with 34,501,000, an increase of 4%."

"The first concern of the Canadian National system, in all its ramifications, is the winning of the war. At the same time, we are giving close attention to the problems of reconstruction and reestablishment. Research has been made and plans prepared for our nostwar programme. pared for our post-war programme, and the railway is actively co-operating with industry in working out a blueprint for peace. It is too early to go into details, but I might mention,

#### Salt at Vermilion

THE important salt discovery, 14 miles south of Vermilion is a valuable addition at the close of the year for the history of Alberta's mineral development in 1944. The strike was made at a depth of 3,400 feet, and a salt bed of over 500 feet in thickness is reported. It is early yet to know the extent of the new field and analysis of the product is not yet available. A most desirable feature would be the amount of iron fed to the sow does not extension of the field in a northerly influence the amount in her milk. It direction to come within a closer disis an excellent practice to feed some tance of the C.N.R. at Vermillon and form of iron to all sows during their the C.P.R., 15 miles to the north. In gestation period, states Dr. R. Walton, the meantime the discovery is outExtension Veterinarian, since this standing in importance and further may result in an increased amount of information will be awaited with

#### HORSE AND BULL SALES

THE Alberta Horse Breeders' Asso ciation will oppose any move to separate Calgary's horse sale and bull sele and the sale and the sale and the sale and the sale next spring, it has been agreed by the executive at a meeting in Calgary. The two events have operated successfully during the same week for man; years, it was stated.

10th and 21st days after birth. When the temperature is above freezing, sods thrown into the pen is another satisfactory method of providing iron.

THERE were 650,020 gallons of ice cream produced in Saskatchewan during the first eight months of 1944. Wantoba and Alberta both exceeded the production of this province.

The two stated.

Dates fixed for the horse sale were March 14, 15 and 16. This will tie in with other western sales, dates which are as follows: Brandon, March 6 and 9; Medicine Hat, March 12; Lethbridge, March 13; Lacombe, March 19 and 20; Stettler, March 23 and 24; Edmonon, March 26.

Will Moodie, of De Winton, president of the association, was in the chair.

chair.

**Directors Re-Elected** 

The trend after the war will be to-ward what we call 'closed accommoda-tion' in sleeping cars, to such types as roomettes and double bedrooms. Hun-dreds of thousands of travellers have, through the war, learned, for the first time, the comfort and convenience of travel by night, and we shall be prepared to meet their requirements. plan new types of coaches and improved dining facilities for travellers. Taking into the expansion of the smoking habit, we have in mind enlarged facilities for smokers. The railways are alive to the fact that competition with orner forms of transport will be ac-centuated after the war and they may be depended on to keep abreast of the times and provide the service that will insure them their fair share of the traffic."

So much has been said and written TN reviewing the year 1944, R. C. as an example, that we have in mind THE four Western directors of the about the danger of leaving dead birds lying about the poultry plant, be- of the Canadian National Railways. The trend after the war will be to- Canada were re-elected for another Holstein-Friesian Association of Canada were re-elected for another year through a mail ballot conducted amongst the members in their reamongst the members in their respective provinces, according to word received from G. M. Clemons, Secretary of the Association, Brantford, Ontario. L. G. Breyfogle, Union Point, represents Manitoba; R. E. Stewart, Regina, Saskatchewan; J. W. Hosford, South Edmonton Alberta and W. H. South Edmonton, Alberta, and W. H. Hicks, Agassiz, British Columbia.

Other directors elected were as fol-Other directors elected were as follows: C. L. Goodhue, Vaudreuil, Que.; W. A. Hodge, Hon. Antonio Elie, La Baie, Que.; M. L. McCarthy, Sussex, N.B.; Courtney B. Lusby, Amherst, N.S.; and Granville S. Buntain, Rustico, P.E.I. Directors to represent Ontario will be elected at the annual meeting of the Association to be held February 14 in Toronto.

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Send today for your Copy of our 1945 Seed and Nursery Catalog. DOMINION SEED HOUSE Georgetown, Ontario



"Gert and Daisy"



LSIE and Doris Water might have won distinction as musicians, but could they ever have surpassed their fame as "Gert and Daisy", the Cockney sisters who've made millions of the British Broadcasting Corporation's listeness length? teners laugh?

They really are sisters, London-born. But they began as serious students of music—at the Guidhall School of Music. A professor advised Doris to Music. A professor advised Doris to give up everything else for two years and become a solo pianist. Elsie's instrument was the violin. But their urge for adventure and sense of humour got in the way. So instead of on the concert platform it was on Southwold Pier (in the "White Coons") that they made their bow to the public.

In 1927 they ran their own company in 1927 they ran their own company for twelve weeks—in spite of having the balliffs in, a few days before they opened, because the lessee of the hall hadn't paid the last year's rent. Then they broke into Music Hall, right at the ton ton—three times daily at the the top, too—three times daily at the famous Alhambra, in Leicester Square.

samous Alhambra, in Leicester Square. Still as Elsie and Doris.

After one of their broadcasts a gramophone company asked them to record. They made one side of a record but hadn't a song to put on the other, so they thought of a talking sketch and then and there made up a duologue of two Cockney women looking on at a wedding. The record was duologue of two Cockney women looking on at a wedding. The record was made and they thought little more of it until one night in a concert hall members of the audience shouted for "Gert and Daisy". They rushed behind the scenes, snatched a couple of hats which they clapped on back to front, and with Elsie wearing her violin silk handkerchief as a "choker" round her neck they went on as Gert round her neck, they went on as Gert and Daisy for the first time. And it's "Gert and Daisy", weighing up the pros, and particularly the cons, of their respective Bert and Wally, that they'll probably be to the end.

They write most of their own show material, Elsie doing the "words",

#### Winter Is Repair Time

ON many farms repairs are not made during the winter because of the lack of a farm shop. If repair and fix-up work is to be done on the farm at this time of year a good farm shop is a necessity. With ever increasing amounts of precision machinery in use the farmer can no longer perfect to the farmer can no longer neglect to provide himself with a suitable place where he can attend to his repairs in

A farm shop need not require a large A farm shop need not require a large investment, says B. T. Stephenson, Agricultural Engineer. The essentials are a work floor area (12 feet by 12 feet or larger), a method of heating, and good light. With the facilities of a good farm shop, repairing is much more likely to be done in the winter. Machinery will then be ready before the spring rush starts, time will be saved and better performance will result.

WHEAT fed to live stock on farms in the Prairie Provinces during the 1943-44 crop year is now estimated at 46.5 million bushels as compared with 60 million bushels in 1942-43. some of it modelled on Cockney characters they studied at first hand when living in Bow, and Doris composing

As they say of themselves: "Doris is five feet nine inches, the shortest of the family, Elsie one inch taller. Doris is dark and Daisy; Elsie is fair and Gert". Of their four brothers, one is the equally well-known BBC humorist Jack (blue-pencil) Warner.

#### LIEUT.-COL. DAVID NIVEN



DAVID NIVEN, who was one of the first British film stars to return to Britain from Hollywood when the war began and is now a Lieutenant Colonel in the British Army, has been heard in many BBC broadcasts. Until he joined General Eisenhower's Supreme Headquarters Staff recently, he took part regularly in "Trans-Atlantic Quiz", a two-way weekly broadcast between London and New York, in the British Broadcasting Corporation's North American Service.

Niven, who was born at Kirriemuir, in Scotland, (Sir James Barrie's birthplace) went to Sandhurst and during a short career in the Army was stationed for 2½ years in Malta. He has travelled all over the world, and did many different types of work before he went to America and made a name for himself in Hollywood.

Since his return to Britain, he has appeared insome notable British films, including "The First of the Few" and "The Way Ahead", a film about Army life, but he plans to go back to Hollywood when the war is over.

#### The Butter Situation

THE situation in creamery butter supply in Canada is still somewhat acute. Production to date this year is down about 5 per cent from that of the same period of 1943. Stocks in store at September 1 were 63,846,000 pounds, which was 11.5 million pounds less than at the same date last year, but was 3.3 million pounds over the five-year average 1939-43. The ration administration announces further restrictions in the rations by which consumers will have to forego the use of at least two coupons bethe use of at least two coupons be-tween now and the end of the year.

#### U.F.A. Convention at Edmonton

FROM January 16th to 19th inclusive, the City of Edmonton will be hosts to an important convention—the hosts to an important convention—the 36th annual convention of the United Farmers of Alberta, to be held in the MacDonald Hotel. The meeting will be opened by the Hon. J. C. Bowen, Lieut.-Governor of Alberta, followed by an address of welcome from the Hon. E. C. Manning, Premier of Alberta. J. G. Taggart, chairman of the Agricultural Prices Stabilization Board, and J. E. Brownlee, K.C., vicepresident of the United Grain Growers, will be the main guest speakers. One of the main items of business will be the election of a new president to One of the main items of business will be the election of a new president to succeed Robert Gardiner, of Acadia, who is retiring after years of service. The annual convention of the United Farm Women of Alberta will also get under way with Mrs. Winifred Ross in the chair.

#### Men. Women Over 40 Feel Weak, Worn, Old? Want Normal Pep, Vim, Vitality?

Does week, rundown, exhausted condition make you feel fagged out, old? Try Ostrex. Contains a strong of the contains of the needed after 30 or 50, stupplies iron, calcium, phosphorus, vitamin Bi. Helbe you get normal pep, vim, vitality, Introductory dise Ostrex Tonio Tablets only 350. For sale at all good drug stores everywhere.

#### **Kidneys Must** Clean Out Acids

Excess acids, poisons and wastes in your blood are removed chiefly by your kidneys. Getting up Nights, Burning Passages, Backache, Nervousness, Rheumatic Pains, frequent headaches, and feeling worn out, often are caused by Kidney and Bladder troubles. Usually in such cases, the very first dose of Cystex goes right to work helping the Kidneys clean out excess acids and wastes. And this cleansing, purifying Kidney action, in just a day or so, may easily make you feel younger, stronger and better than in years. The iron clad money-back agreement on Cystex insures an immediate refund of the full cost unless completely satisfactory. You have everything to gain and nothing to lose under this money-back offer so get Cystex from your druggist today.

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## New Year's Resolutions

 $R^{\rm ecognizing}$  that whether owner or governments are what we make them tenant of the land I occupy, I and that the best way to improve them it after me, I shall try to take care of it by:

(b) Preventing erosion by wind and water:

(c) Conserving fertility;

(d) Erecting buildings on solid foundations and building them to last, instead of accumulating a flimsy array of sway-backed shacks and shanties;

(e) Conserving tree growth where advisable and planting groves as needed, besides shelterbelts and a few wellchosen fruits and ornamentals;

(f) Trying in every way to leave my farm a little better than I found it, writing my character on a piece of land.

Besides these long-range objectives, I shall aim to build up limited but select herds and flocks of suitable live stock, avoiding the mistake of keeping too much, which might involve ruin-ous liquidation in times of feed shortage, and entail hardship to animals inadequately housed or cared for.

During wartime I shall endeavour to adapt my production to war needs.

To serve the live stock, to keep fibre in the soil and to check erosion, I shall plan a cropping system which, while not too rigid to permit adaptation in a fickle climate, will yet introduce grasses and legumes from time to time.

Recognizing the great importance to health of fresh-picked vegetables and fruits with the shortest possible lapse of time from garden to table, I shall of time from garden to table, I shall plan for a good fruit and vegetable garden, making it a first concern instead of a tag-end. I shall plan to fence the fruits and shelterbelts during the rabbit cycles and to protect them from livestock.

Realizing that there is little use in making a living unless one lives, I shall aim to make my home modestly attractive and my farm a well-ordered enterprise in which I can take a pride.

Instead of smoke-screening my own Instead of smoke-screening my own shortcomings by habitual criticism of municipal councillors, provincial and federal governments and all other chosen representatives, I recognize that in the long run, allowing for fluctuations one way or the other,



(Continued from page 12)

by impoverishing others." If this isn't true, why did Mr. Mackenzie King state, "Canada is faced with a great battle between the money power and the people, a battle which will be waged in the new Parliament. I plead waged in the new Parliament. I plead for a sweeping Liberal victory to carry out my policies of public control of currency and credit. Until the control of currency and credit is restored to the government, all talk of sovereignty of Parliament and democracy is idle

Here is what Lord Tweedsmuir has to say on the same subject in his book "A Prince in Captivity".

"There is a great and potent world which the government do not control. That is the world of Finance, and the men who guide the ebb and flow of money. With them rests the decision whether they will make their river a benefit them rests the decision whether they will make that river a beneficent flood to quicken life, or a dead glacier which freezes whereever it moves, or a torrent of burning lava to submerge and destroy. The men who control that river have the ultimate word."

In view of these known facts we see that grievances do not change quickly, and haven't changed yet. It will be some time before these inequities in our economic system will

Recognizing that whether owner or governments are what we make them tenant of the land I occupy, I and that the best way to improve them really hold it in trust for posterity and is to reform Elector No. 1. According that hundreds of men will want to use ingly, I promise to review my conduct it after me, I shall try to take care of as a citizen and especially in these by:—

(a) Keeping it as free of weeds as all legislation and enactments designed to help win the war. To this end I

(a) Produce, save, invest and give unselfishly for the common good.

(b) Take a pleasure in seeing, for instance, not how far I can go in using up gas coupons issued to me, but rather in seeing how many gas and food coupons I can turn back or cancel for the sake of conservation.

(c) Refrain from shopping around from one store to another for unrationed goods supposed to be sold in limited quantities.

(d) Be transparently honest in all dealings, as scrupulous to observe the other party's interest as my own.

In these times of stress and tragedy I shall endeavour to comfort my friends by a cheerful mien and by smiling whenever I can. As the old rhyme has it:

'Smile a while,

when you smile another smiles;,

And soon there's miles and miles of

And life's worth while because you smile."

The late Stephen Leacock in an article condensed from "Good House-keeping" for "The Reader's Digest" put it this way:—

put it this way:—

"I'm going to pretend that I'm just the kindliest, friendliest feller that ever stepped along the street. You'll notice it right away when you see me. And you start, too."

To all readers, then, a brave and hopeful New Year.

#### Facing a Choice

WESTERN farmers are facing a choice which they will have to make, sooner or later. A great many of them have been taught that the open market for wheat is a bad thing and that wheat should not be sold by auction, but at a price which will return a fair reward to the wheat

Experience during the depression showed that this could not be accomplished by Canada alone, and for some years there have been attempts between Canada and the other great exporting countries to organize an in-ternational cartel, to keep production down, and the price of wheat up. At the same time, Western farmers are being propagandised by the Social-

are being propagandised by the Socialists to the effect that all cartels are bad things. They will have to make up their minds before long.

The people who work for paper mill companies, aluminum plants, and other industries of that nature are also interested in what they get for their reals. their work. When they hear that their employers are very wicked people, for joining cartels, to keep the price of newsprint, or aluminum, or chemicals up, they may, at first, be impressed, but, after awhile, they begin to wonder whether it is really a desirable thing for the particular product which they make to be exposed to competition in the open market. If the price of that product goes too low, their wages will have to come down or they will have to be unemployed.

they will have to be unemployed.

When, after bitter attacks on all cartels, the Western farmer then forces the Government of Canada to enter into an international cartel to keep the price of wheat up, by cutting production down, he puts himself in a perilous position.

Sooner or later this argument is going to come to a head, and it is time for the Western farmer to think this out to the end. Either he has to be satisfied to do without the protection of a wheat cartel, or he has to be prepared to have other people demand pared to have other people demand that the cartel system be used to protect their earnings.

## New Year's Message

The accomplishments of the Alberta Wheat Pool over the years are well known to the farm population of Alberta. But this great farm co-operative organization has no desire to rest on its laurels—to live in the past.

The ambition of the Alberta Wheat Pool is to be a virile, active force, constantly engaged in seeking to improve the lot of farm families.

If Alberta farm people will plan together and work together, they will be able to improve their own lot. They can depend on this fact-no other person will do the job for them.

Co-operation is not the complete answer to all our problems. Nevertheless, it is one answer and it is the most practical, logical and democratic method of obtaining economic freedom.

## Alberta Wheat Pool



## Royal Bank of Canada Figures at New High

Total assets reach record level of \$1,790,000,000 . . . Substantial increase in deposits . . . Loans moderately higher . . . Liquid position strong . . . Profits improved.

Annual Financial Statement of the Royal Bank of Canada for the year ending November 30, 1944, reflects continued progress in all principal departments of the bank's business, with total assets and deposits at record levels and profits moderately higher.

Total assets, shown at \$1.790.251. 802, are the highest in the history of the Bank and compare with \$1,509,097,571 on November 30, 1943. Total deposits have increased and Total deposits have increased and are now at the record figure of \$1,676,884,696, representing an increase for the year of nearly \$277,000,000. Deposits by the public are substantially higher at \$1,400,096,883, an increase for the year of nearly \$250,000,000. Indicative of the scale ₹250,1000,000. Indicative of the scale of private saving is the substantial increase in deposits by the public bearing interest, which now stand at the impressive total of \$592,851,469.

Current Loans of \$351.652.376 are slightly higher than a year ago. Call Loans are also higher. Current Loans in Canada are shown at \$261,024,287 as compared with \$277,921,237 on November 30, 1943. The easy financial position of otherwise active borrowers due to rapid turnover and prompt settlement of accounts under prevailing conditions has had the continued effect of reducing the norcontinued effect of reducing the normal demand for bank accommodation in Canada. The decrease in Current Loans in Canada, however, is more at 11 A.M.

than offset by an increase of over \$23,000,000 in Current Loans outside of Canada, which total \$79,117,470.

The liquid position of the Bank is, as usual, very strong, with quickly realizable assets equal to 81.62% of the Bank's liabilities to the public. A marked increase is again revealed in the Bank's liquid assets which now total \$1,377,849,205. These include Dominion and Provincial Securities amounting to \$810,032,435, as compared to \$641,898,620 a year ago. The bulk of this increase is in Dominion Government Short-term Securities.

Cash on hand, deposits with the Bank of Canada, other cash items and bank balances have also increased and now total \$377,752,788.

After providing for Dominion Government taxes amounting to \$2,127,214 and reserves for bad and doubtful debts, profits for the year amounted to \$3,812,184, an increase over the profits for the previous year \$255,595,000, of these profits discovering the content of the over the profits for the previous year of \$385,895. Out of these profits dividends totalling \$2,100,000 were paid, \$880,000 appropriated for the Pension Fund Society, and \$400,000 set aside for Bank Premises. The sum of \$432,184 was carried forward to the balance of Profit and Loss Account which now stands at which now stands \$4,247,671.

# Your kitchen fat is Vital to Victory!



TES—your kitchen fats have gone to war, too! They are among our most valuable war materials for they help to make explosives, life-saving medicines, and hundreds of

That's why our government asks everyone of us to conserve precious kitchen fats and oils . . . and to turn them into local collecting units.

If there are no collecting units in your vicinity - or if you live too far away from the nearest one - you can still join the war on waste by making your own soap. In this way, you conserve precious kitchen fats and oils-put them to work in your own home.

#### **How to conserve Fats and Save Money**

Just one can of Gillett's Lye mixed with ordinary cooking grease gives you a grand batch of soap at less than 1¢ per cake. In 20 minutes you can make enough soap to last you for 2 months! It's a wonderful way to save money for your-self—while you save fats for Victory.

So if you aren't able to turn in your used fats to your government—use them to make soap this easy way. Get Gillett's today-follow the directions on the can.

#### LUCY'S WARTIME SCRAPBOOK

SARA EMERALD NELSON

TO those who bemoan that the young promise to wait, they'd have retracted some of their remarks. Or if they'd that their speech and actions have ever peeped into Lucy's scrapbook. folk of to-day lack sentiment . . . that their speech and actions have none of the flowery finish of days gone by, I give this little tale of Lucille and Johnny.

"Lucy," (Lucille to her mother) works in a beauty shop. She paints her nails (much to her grandmother's disgust); her sunny hair is an intridisgust); her sunny hair is an intricate mop of curls . . . her manners are crisp and jaunty. Too much so to please her mother who fails to understand her daughter's off-hand treatment of "Johnny" who calls regularly to take her to the movies. Or he did two years ago when he worked as an accountant in the same office building as Lucy's beauty shop.

Johnny is in Africa now . . . or was the last that Lucy heard from him. His last snap shows him to be a browner, straighter, huskier Johnny in his khaki uniform than he was in his natty tweed husiness wife. natty tweed business suits.

natty tweed business suits.

Lucy has changed, too. She is thinner now . . . "And goodness knows she was thin enough before" (the grandmother speaking). Occasionally her mother and grandmother shake their heads and wonder if "the child" is worrying over "that Johnny". She never seemed to care much for him. Of course, she is wearing a man's signet ring on her left hand . . . But.

If they had heard the choked-up

If they had heard the choked-up speech Johnny made when he slipped his ring on her hand and Lucy's eager

ever peeped into Lucy's scrapbook.

Lucy and Johnny had had a horror of being sentimental ... or sloppy. They called each other "funny face" and "Old cheese". Reading over letters they termed, "mooning over mush". That was in '41. This is '44, and Lucy spends part of every evening alone in her room. She writes letters and reads them and reads and reads them. And every momento from Johnny ... cables, cards, clippings, menus ... anything depicting his wartime activities are pasted in a big heavy-backed scrapbook. There will come a day, we pray, when Lucy and Johnny will look over this book together. In the meantime ... There is a clear-eyed young soldier

There is a clear-eyed young soldier in Africa who sees in his thoughts a tiny blond girl with well-brushed curls squatted cross-legged on her bed. The slim hand that turns the pages of the scrapbook wears a signet ring bearing the initial "J". It is Lucy, looking over her book ... her's and Johnny's. Before she goes to sleep she'll scamper across the room ... root into her dresser drawer and bring forth a bundle of letters ... tied with blue ribbin. The very ribbon she wore in her blonde curls the evening Johnny proposed ... Sentiment dead? No, it is very much alive: garbed a little differently than in grandmother or mother's day ... but the same sweet sentiment underneath.

#### NEW YEAR'S, 1945

By S. RUPERT BROADFOOT, K.C.

"They also serve who only stand and wait".-- MILTON.

Almighty, comes the dawning year, We bow before Thy Throne, Beset by sorrows, hate and fear And oft, bereft-alone.

KIND CHRIST, BE NEAR.

Two thousand twelvemonths lived and gone Since to us Thy Son came
And His Bright Star arose and shone
Across the sky aflame—
THOU, CHRIST, WERT HERE.

Our Father, guard our hero sons,
Our stalwart women true,
Who proudly wear our country's badge
In camp and battle too.
OUR CHRIST, IMBUE.

Then with Thy Mercy, Lové and Hope, Be Thou, their God and Guide And bring them back again betimes On Victory's rising tide. STRONG CHRIST, THIS DO.

Grand Architect of this our world, So torn with strife and creed,
We thank Thee for our Allies' aid,
Beside us, see, they bleed.
DEAR CHRIST, THEY NEED,

Like us, Thine Everlasting Arms,
Bless them; Let stout hearts know
The winsome, dulce evangel of
Thy Cross; Thy Glory show,
THEIR CHRIST INDEED.

Blest Holy Spirit, shield our braves
At sea, on land, in air.
Help us at home to carry on
And whisper low this prayer,
LOVED CHRIST, STAY NIGH.

Jehovah, King of Heaven and Earth, Bring Victory sure and make Us worthy when it comes. We ask This for Thine Own Sweet Sake, O CHRIST, MOST HIGH.

Just Lord, black war-clouds roll away, Their hellish horrors cease,
And grant our leaders grace to pray
To Thee; their faith increase;
AND, CHRIST, RELEASE

The bonds of sin and self and shame
Here on Thy sad "foot-stool";
And, then, may all men name Thy Name
And live Thy Golden Rule.
SOON, CHRIST, GIVE PEACE.

#### A Christmas Greeting

THE sixth Christmas since war was declared is not expected to bring peace to the world, though many coun-tries in Europe and all of Africa have been liberated.

What is now happening in some of them and what happened at the Air Conference at Chicago indicate that when the armistice is signed more vexing problems may still confront us.

Under the dire threat of a common disaster men and nations combine their efforts in a way they fail to do when that threat is removed or

Here in Canada we have our own grave problems, which only the spirit of Christ can compose.

It is difficult for an English-speaking Canadian to understand precisely and sympathetically the viewpoint of a French-Canadian and vice versa. So of Protestant and Catholic; Liberal and Conservative; Socialist and Social Creditor; farmer and industrialist; labourer and capitalist, and so on. Lacking sympathetic understanding, we use adjectives and call names. That

does not help much.

I do not believe that Christ was either an appeaser or a pacifist. The money-changers did not find him so. He fought for truth on occasion, hewed to the line and cut clean; but ed to the line and cut clean; but coupled with this crusading spirit was a deep understanding, a divine tolerance and an infinite compassion. Only in that spirit can we solve our prob-

Nations, like people, seem to need chastening. Those which lose wars or those, like Britain, which prevail against great odds and sacrifices are usually the ultimate winners. Beverly Baxter testifies in Maclean's that Britain and the sacrification of the sacrif baxter testines in maciean's that Britain is experiencing a renaissance in industry, art and spiritual awakening, the like of which she has not known for long enough.

But there must be a better way than war of settling difficulties. Contention leads to war, Charity of judgment is born of a realization of one's own shortcomings. Thus equipped, people can achieve true harmony. The first step towards establishing peace in the world is to achieve peace in the home and in all individual relationships. When all men want what God wants strife will cease. When a few men want what God wants and govern themselves accordingly they become a powerful influence in the community, the state and the world.

It seems hardly right in these times of stark tragedy to talk of a Merry Christmas but on behalf of the Station staff we wish all our readers as merry a Christmas as circumstances permit and that deeper peace which passeth

and that deeper peace which passeth all understanding.

(The above came to me as a Christmas Greeting from Mr. W. D. Albright, of the Beaverlodge Station. I found so much helpful food for thought in this Greeting that I take the liberty of passing it on to our readers as a message from Mr. Albright.—(Publisher.)

#### **NEVER GIVE UP!**

Never give up if it's worth the doing! Never give up if the end be right! If it's a purpose that's worth pursuing, Go for it, morning and noon and night!

Never give up though your best friends drop you,
Saying that only a fool keeps on.

it be worthy, let nothing stop you! Stick to your cause till your strength

Never give up how so oft you blunder! Failure is part of a man's career. Sink if you must, but don't stay under! Keep a stout heart and persevere!

Out of their failures and sharp distresses,
Out of the swamps of despair and

doubt,
Brave men have come to their best

successes.

Never give up while your strength holds out.

-EDGAR A. GUEST.

TT is now mid-winter, and snow, the parade ground for companies of solreal, serious business-like kind, fine-flaked, is steadily slanting downand upon stubble and furrows, this early January day. The air is perfectly still, and the grey sky hangs low and heavy. Each branch of the spruce—the garden's pride—carries its heaping load, and the roofs are becoming thickly thatched with white. Opening the door to look into the mysterious outside world, silent, clean and cold, I heard the muffled cry of a bird, which I felt sure was a snow-bird, or junco—not a lonesome cry, for he is always with others of his tribe, and a cheerful, friendly lot they

I know that if I place crumbs and suet for him on the window-sill he will find them and bring dozens of his chums to share the feast. I have seen them packed together on the narrow sill, picking and pecking with their hard pink bills in staccato rhythm; and now and again one would twinkle and now and again one would twinkle his jewel of an eye at me, watching inside. The juncos are unafraid, slightly on the impudent side, and take you and your bounty for granted. They devour all kinds of weed-seeds left exposed above the snow and in the straw stacks. Sunflower seeds are a delicacy par excellence—a sentimental privilege on my part.

mental privilege on my part.

I am composing my junco by the hearth-stone, i.e., the big heater with red flames shining through its mica front. A fig for central heating! This is the time when the big heater comes into its own; it is the rallying point of the family when chores are done, and the willow roots seem to burn the hotter and crackle more loudly for such country folk as they laugh and talk and knit, or read or play games. For it is to the central warmth of the For it is to the central warmth of the fire—the hearth-stone—that the family carries all its affection. Toys are always tried out after Christmas excitement has waned, and what a traffic it is, on the living-room floor, in front of the big heater. It is the track for miniature trucks, tanks, automobiles and locomotives. It is the sea where many an epic engagement is fought out between enemy ships. It is the air-way above which tiny planes climb and dive, spin and turn. It is the

diers, the nursery for baby do playground for woolly animals. for baby dolls, the

playground for woolly animals.

This is still a happy land, a safe land at night. Children have not known the fears and terrors of some lands, that come with nightfall, and send little ones hurrying, crying and shivering, with scared hearts, from warm beds to strange hiding places underground, away from the "terror that flyeth by night."

At night all was close the grow had

At night all was clear, the snow had stopped, the air so crisp and cold, it almost crunched as you breathed it. Stars twinkled in a velvety blue sky, Stars twinkled in a velvety blue sky, the prairie undimmed by city smoke, free from the glare of city lights and the din of streets. The night was peaceful, quiet, comforting. How different in those other places! Shining out from scattered farms were golden lights—we don't draw down the shades, but let the mellow light shipe out into the dark. From the shine out into the dark. From the chimneys rose curling plumes of smoke from fires banked for the night, for it is January, and fires must be banked extra well. So I went in to fill up the big heater.

Let your religiin be seen. Lamps do not talk, but they do shine. A light-house sounds no drum, it beats no gong: yet far over the waters, its friendly light is seen by the mariner. -Cuyler.

#### CAST ANCHOR!

CAST ANCHOR!

THE problem of anchoring a girdle when anklets are worn and there is no stocking to fasten garters to, has resulted in a new accessory which you can easily make yourself. Actually, the item is only a rayon stocking hem about four inches wide. Make a half-inch casing at the bottom and through this thread an adjustable ribbon drawstring to hold it in place on the leg. The girdle is then gartered right into the hem to prevent "riding up" and wrinkling. The stocking hem anchors can be daily dipped in gentle suds with your other stockings to retain elasticity.



## Asthma Mucus Loosened First Day

It choking, gasping, wheezing, coughing Broachial Asthma attacks rob you of aleep and sap your vitality, accept this liberal trial offer: Get the prescription Mendaco from your druggist and see how quickly it loosens and removes thick strangling mucus, thus giving free easy breathing and restful sleep. Under the liberal trial offer, unless Mendaco frees you from the suffering of Asthma attacks, you simply return the empty package and get all your money back. You have everything to gain—nothing to lose. So don't suffer another day without asking your druggist for Mendaco.





A Few Drops Up Each Nostril.. Work Fast Right Where Trouble Is

The second you put Vicks Va-tro-nol (a few drops) up each nostril it starts relieving the sniffly, sneezy, stuffy distress of head colds. Va-tro-nol—a specialized medication—is so effective because it does three important things to relieve discomforts . . . (1) shrinks swollen membranes . . .
(2) soothes irritation . . . (3) helps clear up cold-clogged nose . . . makes breathing easier . . . and brings such grand relief! Follow directions in folder. NOTE . . . When used at first sniffle, or warning sign of a cold, Va-tro-nol helps prevent many colds from developing.

## WOMEN GIRLS

**Thousands Report** Grand Relief With

## ORANGE LILY

**SUPPOSITORIES** 

Used for 45 years. Safe, antiseptic and cleansing. A local application to relieve inflammation and congestion.

Send 10c for 10 days' trial and descriptive literature

MRS. LYDIA W. LADD Box 191, Windsor, Ont., Dept. 4B

#### MIRRORS RESILVERED

THE BENNETT GLASS CO. LTD. M 1778 228 - 7th Ave. East, Calgary

### For Bad Winter Cough, Mix This Syrup Yourself

Saves Good Money!

No Cooking!

If you want a splendid cough medicine, mix it at home. It costs very little, yet the way it takes hold of distressing coughs, giving quick relief, is astonishing.

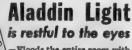
Any druggist can supply you with a 2½ ounce bottle of Pinex. Pour this into a 16 ounce bottle and add granulated sugar syrup to make 16 ounces. To make syrup, use 2 cups of sugar and one cup of water and stir a few moments until dissolved. No cooking needed. (Or you can use corn syrup or liquid honey, instead of sugar syrup.) It's mo trouble at all and gives you four times as much cough medicine for your money—a real family supply. Keeps perfectly and tastes fine. It is surprising how quickly this loosens the phlegm, soothes the irritated membranes, and helps to clear the air passages. This three-fold action explains why it relieves an annoying cough in a hurry.

Pinex is a special compound of proven ingredients, in concentrated form, a very reliable soothing agent for winter coughs. Money refunded if it does not please you in every way.



Good evesight, man's most precious possession, can be impaired by the strain of STUDY, reading, work under dim; yellow light. If allowed to continue, permanent injury to vision often occurs, and expensive treatments, glasses;

etc., may be necessary.



-Floods the entire room with \_-Floods the entire room with beautiful white light; unexcelled by electricity for whiteness and steadiness. Economical, tool According to tests of many lamps by 33 leading Universities, it gives over twice the average light on half the kerosene (coal oil).

#### See Your Aladdin Dealer for Lamps and Supplies

A

Re'll gladly show you the new Aladdins and colorful, long-life Whip-o-Lite shades. You will be amazed at the low price and how little money and care it takes to keep the ALADDIN at top efficiency for years and years.

MANTLE LAWP COMPANY



## 3119 A G Betty Brown EVAVOL

MY DEAR COUSIN JANEY,-You'll wonder what is starting me off on the subject of resolutions! Well, Bill Gamble, our butcher, happened in last evening bringing with him some verses called "New Year's Reso-lutions". It seems that the men's club of Oldtown, at their first meeting of the year, were to have speeches on various timely themes, and Bill was selected to speak on "New Year's Resolutions". (I might say that this was several years ago, but the verses are just as readable.)

Now, Bill is somewhat of a rhym-

ster, so he composed the following verses and recited them before the men's club. I enjoyed reading them, so decided to pass them on to you. Bill is a veritable Scotsman, but really not so "tight" as he would have us believe. Here goes for the verses:

"The time of year just now is here To make new resolutions, And so I must brush off the dust

With annual ablutions;
I do not fear the coming year Of nineteen thirty-seven,
I'll face the test and do my best To make it more like heaven.

I've older grown, and I bemoan The fact that I have wandered Away from truth I learned in youth, And precious time I've squan-

dered;
For when the girls with lovely curls Before me take their places
To view my meat, they look so

I want to kiss their faces.

But I'll stand dumb in times to come To keep down this emotion,
I'll ne'er get gay from day to day,
And banish this vain notion;
I'll try to faint when I smell paint,

And look so sanctimonious, And their lipstick will make me sick

For I'll know 'tis erroneous.

The sawdust floor within my store
To me has been a blessing,
—I knew "Twas wrong, and in my song To this I'm now confessing

The ladies stand, with purse in hand While I smile like the dickens And try to sell them tripe, as well As turkeys, geese and chickens.

I always would note where they stood

When paying for their bacon, Then out they'd go, and well I'd know

would not be mistaken For there galore upon the floor At night I would discover Abundant dimes, and bills sometimes

Beneath the sawdust cover.

Sometimes, of course, I have remorse,
(With sin I'm so surrounded)

y Scottish greed all goes to seed And I am left dumbfounded; But-here's my vow, I promise

(So help me, Billy Gamble)never more, on sawdust floor, For nickels bright will scramble. Then widow Jones will get more bones,

ones,—
(I'll be a cheerful giver)—
And hobo Jack, across the track,
Will get more scraps of liver;
And Douglas Burke, from our own kirk.

Will be my soul's advisor, And none can say the same old way, 'There goes that old Scotch miser.'

Old Santa Claus will have to pause, And with me must be reckoned When all the kids take off their lids, And he is running second: I'll have them meet from every

street. While I sing toodle-oodle, As on I go to movie show And take the whole caboodle.

So now, my friends, my story ends; The past has been most tragic,
With lesser sins our fall begins,
But they pass off like magic;
For nought on earth is of such

worth To fight hell's institutions, As once a year to be sincere And make new resolutions."

With best of New Year's wishes, from--BETTY. . .

#### CHEESE OF LIFE

DAIRYING has been identified with Switzerland for centuries, so it is not surprising that cheese figures prominently in one of the national customs. At the birth of a child, a cheese is made, named after the child, and carefully stored away. When the and carefully stored away. When the child grows up and marries, the cheese is presented at the marriage feast, tois presented at the marriage feast, to-gether with the cheese of the partner, and the guests eat a piece of the cheese of both the bride and the bride-groom to bring good luck. What is left over of the two cheeses is care-fully preserved in separate containers and is eaten by the guests at the funeral of the owner of the namesake

In boiling spaghetti or macaroni, put it in a colander and then set the col-ander in the pot of boiling salted water. The spaghetti or macaroni never sticks to the bottom of the colander, even if you don't stir it at all.

#### . . . SERVING CHOCOLATE

IN Honduras the traditional wedding drink is chocolate. The custom goes back to pre-Columbus days, when it was customary for an Indian youth to propose marriage by sending a matron to the girl's home with gift of enough cocoa for a feast.

If the girl accepted the present, she meant "yes". Then by way of a marriage announcement she sent back enough cocoa for two parties, one at his home and one at the home of her

relatives.

From this two-for-one custom grew the question, "When will you be serving chocolate?", meaning, "When will you be married?"

#### DISHPAN PHILOSOPHER

IT gives us all a lift of heart to see a brand New Year just start. It seems to kindle in the mind a dream of troubles left behind. You'd think by now we ought to know that troubles always overflow right from the old year to the new-I know with me they always do. A change of date alone won't cure the common ills that folks endure. Nor will another thousand years do very much to dry our tears if we go on as we have done, just striving, each and every one, to make our own small dreams come true whatever other people's do.

The New Year I'm right pleased to see, but older folks—the like of me!-know happiness is not a thing that either place or time can bring. Yet every wish is quite sincere that all will have a glad Farm and Ranch Review



Dr. Chase's Syrup is pleasant to

the taste and remarkably effective in the relief of Coughs, Colds, Bronchitis, etc.

**Buy WAR SAVINGS Certificates!** 



## **NEW LIGHT** ON A VITAL PROBLEM

every woman should understand

Improved, new feminine hygiene way gives CONTINUOUS ACTION FOR HOURS!

• For the sake of your happiness and health you owe it to yourself to learn the up-to-date facts... the truth about modern feminine hygiene!

You may think you do know—but many women who think that, still make the mistake of relying on weak, ineffective home-made mixtures. Or worse, they risk using over-strong solutions of acids, which can easily burn and injure delicate tissues.

Today, well-informed women everywhere rely on Zonitors, the new safe convenient feminine hygiene way!

Zonitors are dainty, snow-white suppositories! Non-greasy. They spread a protective coating and kill germs instantly at contact. Deodorize, by actually destroying odor, instead of temporarily "masking" it. Give continuous action for hours!

Powerful, yet so safe for delicate

for hours!

Powerful, yet so safe for delicate tissues! Non-poisonous, non-burning. Zonitors help promote gentle healing. No apparatus; nothing to mix. At all druggists . . .

FREE: Mail this coupon for revealing booklet of intimate facts, sent post paid in plain envelope. ZONITE PRODUCTS CORPORATION LIMITED, Dept. FR4, Ste-Thérèse, Que.

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# Mew...Faster Rising! -ENDS OVERNIGHT BAKING!



## MAKES BETTER BREAD IN "HALF THE TIME!"

NEW Fast Rising Royal Dry Yeast is here! The high-speed baking discovery that gives you bread with that old fashioned, home-baked flavor your menfolks love—in less than half your normal baking time!

Easy to use ... extra-fast ... new Fast Rising Royal Dry Yeast does away with "setting bread" the night before when you're all tired out ... eliminates the oldtime risks of "overnight baking" when temperature changes might spoil dough.

4 packets in each

carton ... each packet

makes 4 large loaves.

MADE IN CANADA

You do your baking in the day with new Fast Rising Royal so you can keep a watchful eye on the dough. New Fast Rising Royal's speedy action gets to work soon after yeast is mixed with dough—helps you get baking chores done in jigtime!

New Fast Rising Royal keeps for weeks on your pantry shelf . . . ready for quick action whenever you need it.

Use New Royal Fast Rising Dry Yeast! It saves time . . . , saves you. At your grocer's.

FORMING a community rug-making club is becoming quite a contribution to artistic achievement amongst women in many rural places and farm homesteads. Yes, indeed, we hear of many fine examples of this olden-time craft coming to the fore and being exhibited at handicrafts exhibitions and Women's Institutes in Canada, and reports of high quality of workmanship and skill in designs, is most encouraging.

When a half dozen women get

gether and form a handicraft club very soon there will be a dozen wantvery soon there will be a dozen wanting to join the group and this is how it expands. It gives them a reason for meeting in each other's homes, too, for a bit of visiting, and it also brings them together to learn to study color and the blending of color and design into beautiful things for the home.

for the home.

Sharing is part of the keynote at these gatherings, and members begin by swapping precious rags... for instance, when one member needs a bit of pink for a leaf or bud, some other member is ready to offer it or swap it for some other piece.

Then there is the sharing tachnique. is the sharing technique. The most experienced rug makers help the amateurs or beginners at hooking and The most they also exchange ideas. Some of the members bring clippings about hooked

#### A PRAYER

"I think many mothers of sons in "I think many mothers of sons in service will get the same comfort from keeping this prayer in their hearts that I do," writes Mrs. Madeline Pitts, 1228 Masonic Ave., Berkeley, California. We are grateful indeed for her contribution. It is from the poem, "Mother's Evening Prayer."

O Gentle Presence, peace and joy and

power;
O Life divine, that owns each waiting

-MARY BAKER EDDY.

## Form a Craft Club and Share Artistic Ideas with the Members

By ANN BARRETT

rugs and activities in other parts of the country and tend them out at the

The object of the club is for mem hers to make things that will beautify homes and show what can be ac complished through plying this art in spare moments. Members of the club are able to follow each other's work and share each other's joys in the progress each is making. They believe such clubs offer women a hobby and an artistic outlet of great value.

Few articles of home furnishings are more useful or decorative than a well-made and attractive hooked rug. This is made by filling up a founda-tion of burlap with loops of cloth a quarter of an inch in width. These strips may be either of cotton or wool but in either case they represent a very coarse thread, and with coarse thread, a design with a great deal of detail cannot be carried out.

The most appropriate design for a hooked rug is one with large spaces of different colors in the same degree of tone value. For instance, a color scheme in three colors, blue, green and grey could be used. The blue and green could be used for figures of the pattern while the grey could be woven in as the background. An outline of white and black may be added to relieve the monotony.

Women of our country are more interested in using decorative motifs which have some association with their own surroundings, than copying foreign motifs, and for this reason Canadian hand-made rugs have an interest attraction. For instance timate attraction. For instance, some loved bit of scenery around the hour,

Thou Love that guards the nestling's homestead, the river, sea or lake, with animals, birds, forests, trees, plants or lake, with animals, birds, forests, trees, plants or might. Keep Thou my child on upward wing flowers. Or again, the designs might tonight.

animals, birds, forests, trees, plants of flowers. Or again, the designs might be made of scrolls, lines, circles, etc., in conventional designs and off good ings.

coloring . . . such as may be observed in the foliage and flowers . . . or the hills, meadows and the ever changing

These colors, too, will be beautiful and lasting, if they are made from the old formulas and recipes for making rugs from roots, barks, leaves and berries, handed down from our ances-

Discarded clothing of all sorts can be dyed by the old-fashioned methods and will give better wearing qualities in every way than the ready prepared materials; and it will be a source of pride to its designer and maker and will rank as one of the fine specimens of Canadian hooked rugs.

These hand-hooked rugs, knowingly executed in colors just muted enough to tone into the color scheme of the home furnishings, are at home with almost any period of furnishing and are suited to be used in any room.

It is well to give thought to rug shapes as well as to rug colors and pattern, when several hooked rugs are to be used in one room, or in adjoining rooms separated by an archway. Although some women have experienced pleasing combinations with one fairly large oval rug with small oblong rug for the front room, others say that by far the most popular combination consists of oblong shapes of various sizes. In general, however, oval or round rugs seem to show off to best advant-age when only one or two small scat-ter rugs are used, or when they are placed in front of the fireplace, or for sofa or door accent

The ideal rug is obviously one which is capable of changing its character with each setting, and surprisingly and surprisingly but a scientist will tell you enough, that is exactly what these rugs do. When placed in a modern still I guess if we could see things setting they are sufficiently modern to be in sympathy with their surround-

There is a place in every home for a hooked rug such as covered our ancestor's floors, and the wide pine boards of the early settler's and there is no better method to be found to use nimble fingers, deft through generations of skill in creating new designs for beautiful rugs that will occupy preferred places in more Caradian ferred places in many Canadian homes. Well does the housewife know the joy of achievement in making these delightful accessories which are so much in vogue for the home of the present day.



#### JACK MINER

By JACK HERITY

He must pack a heap of pleasure Underneath his shaggy dome; Now it's getting on to autumn. And his birds are coming home. It must stir up all his senses
In a kind of inside grin
When he gazes down the Southway and Sees his squadrons winging in.

Must be like a mighty merchant, When his ships come one by one, To the harbor where there's quiet
And retreat from pirate's gun.
Pirates! That's the right name for us,
Oh, I'm guilty, same as you,
For I've often sent them tumbling, Broken, tattered, from the blue.

have lain for hours listening For that throbbing cry, And to see an old commander Lead his flock across the sky; But—well there above the fireplace You can see my guns today, And they're mighty ornamental Since I went down Kingsville way.

We don't have such things today.

Still I guess if we could see things
In a sort of spirit light,

We would find Jack Miner's raiment Is a robe of shining white.



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DISTRICT RECRUITING OFFICER, Traders Building, Calgary, Alta. Please send me absolutely free a 32-page illustrated copy of "C.W.A.C. Digest". F.R.R.-20



## ELECTED RECIPE

#### Applesauce Gingerbread

- Applesauce Gingerbread
  6 theps, shortening
  1/3 cup sugar
  1 egg
  ½ cup molasses
  1½ cups flour
  1 teaspoon baking soda
  1 teaspoon cinnamon
  ½ teaspoon ginger
  ½ teaspoon salt
  2/3 cup strained thick applesauce
  ream together shortening

2/3 cup strained thick applesauce
Cream together shortening and
sugar. Beat egg, add; add molasses;
mix well. Sift together 3 times, flour,
soda, cinnamon, ginger, salt. Add to
creamed mixture alternately with applesauce. Bake in greased pan 8" x 8" x 2" (350 degrees) 45 minutes. Cool slightly. (If desired, top with softened cream cheese and decorate with candied cherries and citron).

#### New Orleans Ginger Snaps

- 4½ cups sifted flour (about)
  ½ teaspoon baking soda
  ½ teaspoons sait
  ½ teaspoons ginger
  ½ cup lard
  ½ cup sugar
  ½ cup molasses
  1 egg
  14 cup water

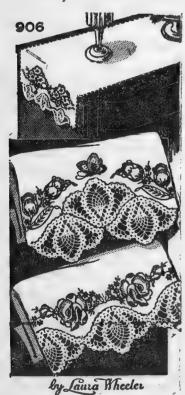
Mix and sift 4 cups flour, soda, ginger, salt. Cream shortening until soft; beat in sugar, then molasses, egg, water. Stir in flour mixture until egg, water. Stir in flour mixture until dough is just stiff enough to roll; chill thoroughly. Roll ½ inch thick, cut with floured cutter; place on ungreased baking sheet. Cover with damp towel 5 minutes. Bake in a moderate oven (375°400° F.) about 8 minutes. Approximate yield: 10 dozen snaps.

#### Gingerbread

- cup sugar
  cup molasses
  egg, well beaten
  cups flour
  teaspoon salt
  teaspoon cihnamon
  teaspoon soda
  cup boiling water

Mix sugar with cinnamon and shortening and add egg well beaten. Sift

#### January's Needlecraft



ONE crochet motif (quickly memorized) arranged in three ways ways lends variety to linens. Realistic flowers add their gay color note.

Use these designs for scarfs, towels, pillow cases. Pattern 906 contains a transfer pattern of 6 motifs averaging  $3\frac{3}{4} \times 12\frac{1}{2}$  in.; directions.

Send twenty cents in coins (stamps cannot be accepted) for this pattern to FARM AND RANGH REVIEW, Needle-craft Dept., Calgary Alberta. Write plainly PATTERN NUMBER, your NAME and ADDRESS.

flour with salt, spices and soda and add to first mixture, then add boiling water. Bake half the mixture in 4 large or 8 small greased muffin pans and the remainder (for luncheon) in round layer cake pen. Bake 20 to 25 minutes in a moderate oven or at 350 degrees F. Serve individual ginger-

#### Plantation Corn Muffins

Plantation Corn Muffins

2 cups cornmeal
1½ cups boiling water
1 teaspoon salt
1 cup cooked rice
2 eggs, well beaten
1 cup milk
2 teaspoons lard, melted
½ teaspoon baking powder
Scald cornmeal by pouring boiling water over it; add salt and beat until smooth. Add rice, eggs, milk and lard, and beat well. Add baking powder, stirring only until mixed. Spoon batter into greased muffin tins, filling 2/3 full. Bake in a very hot oven (450° full. Bake in a very hot oven (450° F.) 20-30 minutes. These muffins are more like spoon bread than muffins. Yield: 1 dozen large muffins.

#### Mint Pastry Squares

- recipe plain pastry Squ recipe plain pastry cup seedless raisins cup currants tablespoons sugar cups mint leaves, cut cup sugar teaspoon cinnamon

Divide pastry in half. Roll out and cover bottom of a shallow pan (9 x 12). Combine raisins, currants, sugar and cut-up mint leaves. Spread mixture over pastry and sprinkle liberally with cold water. Cover with top crust. Press down well and brush with water.

Combine sugar and cinnamon and dust over top. Prick well with a fork and bake in a moderate oven (350° F.) 25 to 30 minutes or until lightly browned. Cut in small squares while warm. Flavor is best a day or two after baking. Always serve warm. Yield: 16

#### Liver Spread

- Liver Spread

  ½ pound pork liver, steamed 25 minutes
  and ground
  2 strips crisp bacon
  1 tablespoon browned, chopped onion
  1 hard-cooked egg, minced
  ½ teaspoon salt
  ½ teaspoon pepper
  ince bacon and combine with other

Mince bacon and combine with other ingredients. If the spread is too dry add pickle or olive juice to bind it. Try this spread with lettuce in a sandwich made of a slice of whole wheat and a slice of white bread. Chopped parsley will be an addition

#### Applesauce Cupcakes

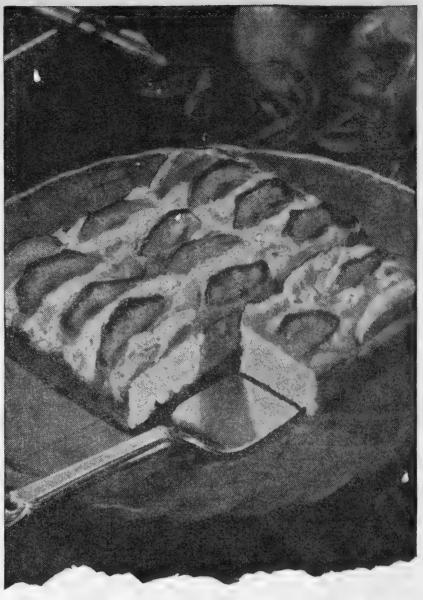
Applesauce Cupcakes

½ cup shortening
1 cup brown sugar
2 eggs, beaten
1 cup strained, sweet applesauce
2 cups flour
1 teaspoon baking powder
½ teaspoon soda
¼ teaspoon salt
1 teaspoon cinnamon
½ teaspoon cinnamon
½ teaspoon nutmeg
1 cup raisins, chopped dates or figs
½ cup nut meats
Cream shortening and sugar. Add
eggs and beat. Add applesauce and
sifted dry ingredients. Mix well. Fold
in raisins and nuts. Baké in paper
baking cups or well-greased muffin
pans at 350 degrees for 30 minutes.

Cream of vegetable soup can be made extra good if a little real cream (or cream off the top of the milk) is added before serving. Or you can adopt the Spanish trick of stirring grated cheese or cooked rice into the soup. That gives it body, too. \*

Play mittens may be made from children's knee-length hose in which the heels and toes have passed the mending stage. Measure upper part of child's hands and cut to fit. Turn them inside out and sew into mittens, with or without thumbs. Elastic top hose fit the wrist snugly, and make warm, comfortable play mittens, helping to save their good ones. good ones.

Walk in the light and thou shalt see
Thy path, though thorny, bright;
For God, by grace, shall dwell in thee,
And God Himself is light.
—Bernard Barton.



## IT'S A Dutch Apple Cake

#### and it's STINGY WITH SUGAR

#### Tender and light... made with MAGIC

Try this luscious, sugar-sparing Dutch Apple Cake if you're hankering for something really different. Its crisp, fruity goodness makes a grand finish to any meal-yet the recipe calls for only a small amount of your precious sugar!

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Magic is very inexpensive to use, too. Enough for an average baking costs less than 1¢. Why not follow the example of leading cookery experts—use Magic for sure-fire baking success.

#### **DUTCH APPLE CAKE**

2 cups flour

4 tbs. butter

1/2 tsp. salt 4 tspns. Magic Baking Powder

4 tbs. sugar 6 ths. milk 2 apples

Sift together flour, baking powder and salt; cut in butter with two knives; add sugar; mix lightly. Drop egg into cup, unbeaten, add the milk iccold. Turn on to floured board, shape the dough; put on greased sheet. Pare and cut the apples into sightly press into parallel rows into dough; eighths; press into parallel rows into dough; sprinkle with sugar and cinnamon and dot with butter, mixed together in the proportion of two tablespoons sugar and half a teaspoon cinnamon. Bake in hot oven 400°F. 20 minutes.

MADE IN CANADA



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pai. 10 years at 6%.

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FOR SALE—James-Way, new, never used, 1,200-egg electric incubator. Also Buckeye, lamp-heated, 600-egg incubator in good working order. For further particulars apply Ivan S. Weber, Didsbury, Alberta.

GENUINE MEXICAN RED CHILLI BEANS (for seed). Government germination test, 97%. Grow them and enjoy delicious Chilli Con Carne. Per lb., 25c; add 10c a lb. for mailing. Reginald Smith, Cardston, Alberta.

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## Advertisement Gets Results

(Copy of Telegram)

DEC. 14 - 44 - 10:50 a.m. Farm and Ranch Review, Calgary, Alberta.

"Snowed in with orders. Suspend my advertisement until further notice."

11:13 a.m.

P. J. KOKATT. Tompkins, Sask.

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BOOK of one thousand dreams and their meaning. How soon you will marry and who your uture husband or wife will be. 120 pages in well bound covers. Most complete published. 50 cents postpaid. G. Grattan, Station L, Winnipeg, Manitoba.

WOMEN! If you have tried everything else and have failed to obtain relief, don't worry. Try "Delaye" Female Pills for delayed, painful or itregular periods. (Strongly recommended.) Triple Strength XXX, \$3.00. Paris Co., 312 McIntyre Bldg., Dept. "R", Winnipeg, Man.

AVALON for grey hair. A perfectly harmless Herbal preparation that restores Grey, streaked and faded hair to its original color. Fully guaranteed, \$1.00 postpaid. G. Grattan, Station L, Winnipeg, Man.

BEAUTIFUL hair can be yours, free from dandruff, baldness, falling hair and itching scalp. Use Grattan's Hair Restorer, fully guaranteed. Complete treatment, 75 cents, postpaid. G. Grattan. Station L. Winnipeg.

MEN! SEND \$1.00 for World's funniest col-lection of 14 joke novelties (all different), guaranteed for 1,000 laughs. Also catalogue of books and novelties. Western Distributors, Box 24NA-FR, Regina, Sask.

PERMANENT WAVE SETS—Hair waving at home without discomfort, without appointment. No electricity, no heat required. Professional-like wave that lasts six months, Used on all types of hair. Outfit contains 50 curlers, 3 ingredients and shampoo. Complete, with easy to follow instructions. Satisfaction guaranteed. Only \$1.10 postpaid. G. Grattan, Station L., Winnipeg, Manitoba.

RUPTURED? New patented invention, lifts and holds like the human hand. Write for information. Hand-Lock Products, 146 King St. East, Kitchener, Ont.

KWIP KLIP—Saves Barber costs. 'your own hair, Ladies remove hand legs. Trim hair most.'
No Steps. Fine
'Jse like ordir
vention.'

#### PERSONAL

BEWITCH others, make them love you. Wield powerful love control. Secure clever woman's personal methods (confidential). Get special charm. Revealing book, introducing you to new power, 10c. Garden Studios, Dept. 5019, Box 423, M.S.S., New York.

LONELY—Get acquainted. Hundreds of members, all ages, many with means, Many widows with farms and city property. House-keepers, cooks, city and country girls. Particulars, 10c. Ladies free. Western Social Club, Sub. 23, Edmonton, Alta.

ASTRA fortune telling cards. Tell your own and friends' fortune. Wonderful amusement. Full deck and complete instructions. Only 50 cents postpaid. G. Grattan, Station 1, Winnipeg, Manitoba.

LADIES! Use "Stolen Moments" Perfume, witchery in fragrance. Frankly flirtations, to set men's heads in a whirl over you! Bottle, 75c. Rene's House of Perfume, Box 1581, Winnipeg, Canada.

MEN, 35 - 45 - 55 Lack Pep? Try Menna for lowered vitality—manly pep and vigor guaran-teed. \$2.00 Postpaid. Paris Co., Dept. "R", 312 McIntyre Bldg., Winnipeg, Man.

LONESOME? Join Reliable Club—Established 1909, Book of photos and descriptions of mem-bers. Free. Sealed. Exchange Company, 3827-H Main, Kansas City, Mo.

ARE YOU RUPTURED?
RELIEF, COMFORT.—Positive Support without advance method. No elastic or understraps or steel. Write Smith Manufacturing Co., Dept. 98, Preston, Ont.

25c brings illustrated matrimonial magazine; names, addresses included. Destiny Publica-tions, Aberdeen, Washington.

#### PEST CONTROL

"DERAT" Rat and Mouse Killer, 50c. Harm-less to Humans, Animals, Fowl. At Eaton, Simpson, Liggett, leading drug, grocery, hard-ware, co-operative stores, or write Derpo Products, Toronto 4.

#### RECORD BOOK

ORDER your Fiscar Farm Record Book, to-day. Simple, easy to keep, complete. Lista Canadian Income Tax Deductions. \$1.50 post-paid. Farm Book Publishers, Breckenridge,

#### SONG WRITERS

SONG POEMS wanted to be set to music. Send poem for immediate consideration. FIVE STAR MUSIC MASTERS, 545 Beacon Bldg., Boston 8, Mass.

SONGWRITERS — Send poem for immediate examination and Free Rhyming Dictionary. Richard Brothers, 18 Woods Building, Chicago.

#### STAMMERING

STAMMERING CORRECTED. For free, help-ful booklet write William Dennison, 543-R, Jarvis St., Toronto.

#### TOBACCO

GUARANTEED first quality leaf tobacco. Five pounds Large Red or Havana, \$3.95; five pounds Obourg or Rose Quesnel, \$4.75; five pounds Small Canadian, \$5.95. Postpaid. Please specify if mild or strong wanted. Quantity limited. Order at once. N. Landry & Co., 3127 St. Catherine St. East, Montreal.

#### WASHER REPAIRS

MAYTAG Washer and Engine Repairs carefully done by trained mechanics. A full stock of parts on hand for Maytag repairs, also wringer rolls for most makes. The Maytag Co. Ltd., Calgary and Regina.

#### **BUSINESS OPPORTUNITIES**

#### AN OPPORTUNITY

One of the Nation's largest companies, catering principally to farmers' needs, is ready to place a valueble contract which should mean complete independence for a man fortunate enough to have the following qualifications... character record that will withstand investigation and proven ability to efficiently manage both himself and his own business. Financial status or age are not extremely important, but a car is necessary. Write the advertiser, Box 22, Farm and Ranch Review, Calgary.

#### GLASS

GLASS for Automobiles, All Models **Prompt Shipment** 

THE BENNETT GLASS CO, LTD. M 1778 228 - 7th Ave. East, Calgary

#### MACHINERY

and Inspect Our . . . an Lighting Plants et Electric Power You Can Buy. ERTA IRON WORKS -e. W., C

#### **BABY CHICKS**



The Home of Stewart Chicks.

#### SUCCESS CAN BE YOURS If You Start Right With Stewart Chicks

J.R. Stewart Chicks
They LIVE — They GROW
They LAY — They PAY
J.R. Stewart Dity chicks are from selected flocks, headed by
pedigreed cockerels from trap-nested hens
with records of 200 eggs and over. All
Stewart chicks are hatched from Government Approved, blood-tested flocks.

B. Rocks, R.I.R., N. Hamps. \_\_\_\_ \$9.00 per 100

Tune in our Old-time Programme, Thursday nights, 9:30 p.m., M.D.T., over CFCN, Calgary, 1010 K.C.

#### STEWART ELECTRIC HATCHERIES

602 - 12th Avenue W., CALGARY, ALTA.

\$100.00 in cash prizes will be given by Tweddle Chick Hatcheries Limited. Thirty-three lucky people who guess the correct, or nearest correct, number of ordinary white beans contained in a full Imperial Quart Jar. Write to Tweddle Hatcheries for contest rules. Better hurry. Contest closes January 15th, 1945. Tweddle Hatcheries are giving liberal discounts that mean big savings to you. Book your order now—take delivery early and cash in on the double discount. Tweddle chicks are rated highly by poultrymen for their high rate of livability, growth and development. Every Tweddle Chick is from Government Approved blood-tested stock. Get an earlier start than usual—order Tweddle chicks now—Tweddle chicks bring you faster and bigger returns. Free catalogue. Tweddle Chick Hatcheries Limited, Fergus, Ontario.



#### MORE THAN EVER

MORE than ever before is it necessary to raise GOOD BIRDS. Twenty-five years of effort and experience is behind the production of our famous chicks. Help to ENSURE your SUCCESS by ordering your chicks early from one of our Hatch-

eries.	A CHARLES
	Pullets
Prices, per 100. Unsexed White Leghorns\$14.00	\$29.00
Rocks, Reds, New Hamp 15.00	28.00
Light Sussex 17.00	30.00
Leghorn Cockerels, per 100	\$3.00
Heavy Cockerels, per 100	
SUPER CHICKS, FROM FLO HEADED BY R.O.P. MALE	CKS

Leghorns \$16.00 \$
Rocks, Reds, New Hamps. 17.00
Leghorn Cockerels, per 100
Heavy Cockerels per 100
96% Sexing accuracy guaranteed.

Order NOW—avoid disappointment and re-member "IT'S RESULTS THAT COUNT."

# Rump & Sendall BOX R, LANGLEY PRAIRIE, B.C. BOX R, VERNON, B.C.

THERE'S extra profit for you-right from the start—with Top Notch chicks. Yes! extra profits in the form of discounts. (1) Discount for booking your order early; (2) Discount for taking early delivery. Top Notch chicks not only save you money from the start, every Top Notch chick is Government Approved—from blood-tested breeders assuring you fast growing, livable chicks. If you are already a Top Notch customer we need not say more. If you have never purchased Top Notch chicks send for catalogue and price list and read the success many poultrymen have had with Top Notch Chicks. Top Notch Chickeries, Guelph, Ontario.

CHICKS FROM APPROVED FLOCKS-Book our 1945 requirements at Gair Hatchery, We-Alberta,

BABY CHICKS



ATTENTION, POULTRYMEN!

EFFICIENT MANAGEMENT in raising chicks is ESSENTIAL. Our booklet "RAISING CHICKS FOR PROFIT", will help you to raise a healthy flock and AVOID LOSSES.

It contains valuable information on raising from day old to laying stage, feeding formulas, etc., 25c per copy; free to customers

#### Rump & Sendall

Box R, LANGLEY PRAIRIE, B.C.



#### THREE MODERN PRINGLE

HATCHERIES

SERVING THE WEST
Equipped to supply over a
million chicks annually to the
ever increasing number of successful poultrymen who are our
customers.

#### OUR AIM

To give you service and satisfaction during these most important, yet difficult war years, so as to be worthy of your support and the support of your returning sons during the happier years of peace which lie ahead.

peace which lie ahead.

ALBERTA PRICES

January to May 17th, 1945

Per 100—

W. Leghorns

Hamps, Reds, B. Rocks

Pullets

January to May 14th

CHILLIWACK, B.C., PRICES—

January to May 14th

Per 100—

B.C. Quality A. Select

W. Leghorns

W. Leghorns

Hamps, Reds, B. Rocks

January to May 14th

Per 100—

B.C. Quality A. Select

January to May 14th

Per 100—

Hamps, Reds, B. Rocks

January to May 14th

Per 100—

January to May 14th Select A. 16,00 31.00 18.00 29.00

16.00 32.90 17.00 Hamp., Red., B. Rock
Pullets 28.00 32.00
W. Leg. Cockerels \$3.00 per 100
Heavy Breed Cockerels 9.00 per 100

FOR 1945 CHICK ASSURANCE ORDER PRINGLE CHICKS NOW! Write for New 1945 Catalogue.

PRINGLE ELECTRIC HATCHERIES
Calgary — Edmonton — Chilliwack, B.C.

## Wit of the World

Not So Hot

AUNTIE: How did Jimmy get on

A With his history exam.?

Mother: Not very well, but it wasn't his fault. They asked him things that happened before the poor boy was born.

A YOUNG officer asked by his colonel, in a course of instruction, how he would cross a river and a high mountain with a draft of men, replied: -"Dam the river and blast the mountain".

THE owner of the country newspaper went home to dinner, smiling ra-

diantly.

"You must have had some good fortune this morning," greeted his wife.

"Indeed, I did," announced the owner, "Jim Smith, who hasn't paid his subscription for ten years, came in and stopped his paper."

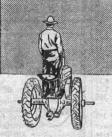
POST-CARD message from a truthful vacationist: "Having a wonderful time; wish I could afford it."

A SOLDIER wants to know, if the distance to camp is 30 miles as the crow flies, how far is it if the crow has to walk and carry a pack and rifle?

CASHIER: I'm afraid I'm not as pretty as I used to be. What makes you say that? Cashier: The men have started counting their change.

# A BASIC TRACTOR PRINCIPLE

PROVED BY TWENTY YEARS IN THE FIELD



ROOMY PLATFORM— Located well forward enables you to operate a John Deere while standing up or sitting down.



HAND CLUTCH—Operated from a sitting or standing position or from the ground. An important safety and convenience feature.



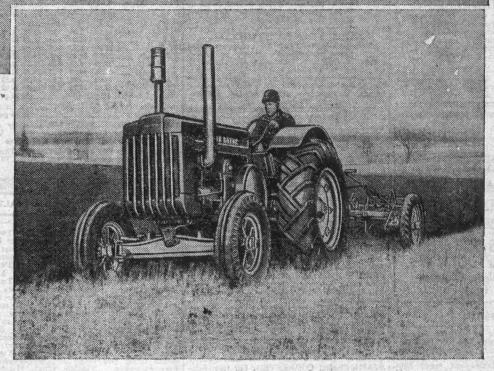
HYDRAULIC POWER LIFT—A time- and muscle-saver developed and pioneered by John Deera



UNEXCELLED VISION

—High, centered seat loeation, combined with
narrow tapered hood,
gives you an unobstruct-





TWENTY years ago, the first John Deere Tractor was purchased by a Waterloo, Iowa, farmer. Today there are hundreds of thousands of John Deere Tractors on farms.

Down through the years, thousands of owners have purchased their second, third, and fourth John Deeres. Thousands who operate larger farms have two, three, or more John Deere Tractors which are furnishing economical and dependable power.

That first John Deere Model "D" had only two cylinders. Every John Deere Tractor today, likewise, has only two cylinders. Twocylinder engine design is one big reason for their popularity.

It wasn't the green and yellow paint—it was the advantages that lay underneath that affected farmers' decisions. The simplicity of design... the rugged construction that assures long life and dependability... accessibility of every working part... the ease of handling... plus economy of operation and low cost of maintenance, which is

money in the bank — all the result of twocylinder engine design.

Twenty years of building John Deere Tractors have seen many advancements in manufacturing methods... in the use of new alloys... in protective safeguards for tractor and operator. Today's modern line of John Deere Tractors has starter and lights, hydraulic lift, multiple speed, plus a full line of tractor-mounted equipment for every kind of row-crop. Added together, this spells extra tractor value.

In the John Deere Tractor line of today there is a power size and type that fits your farm needs. There are seven power sizes built in twenty different types.

John Deere two-cylinder tractors are being turned out as fast as humanly possible within the limits of government restriction. Still there are not enough to go around. However, talk to your John Deere dealer. He may find a way to help you.

#### JOHN DEERE, Moline, Illinois



Model "B" 2-plow size Seven types





Model "D" 3-4-plow size.

Models "L" and "LA" 1- and 1-2-plow tractors not shown.



Ex libris UNIVERSITATIS **ALBERTENSIS** 

**FARM POULTRY SALES** 

THE WARTIME PRICES

Effective December 11, 1944, sales of chickens, turkeys, ducks and geese by farmers direct to consumers became subject to new ceiling prices. The ceiling on turkeys is the wholesale price for the zone in which the farmer lives, plus 20 per cent. For other kinds of poultry the maximum markup permitted for direct sales by primary producer to consumer is 25 per cent of the wholesale price. Markups apply to both live and dressed poultry. On sales to a purveyor of meals, the farmer's selling price must not be more than 10 per cent above the maximum wholesale ceiling price.

#### **POTATO EXPORT PERMITS**

Further exports of potatoes may be made from eastern Canada without endangering the domestic supply, a survey of stocks on hand shows. The expiry date of export permits already approved has thus been extended from December 20, 1944, to February 15, 1945. Approval will be given for additional export permits with the same expiry date.

#### **POTATO STORAGE ALLOWANCE**

On December 1, 1944, a potato storage allowance of 5c. per 75-lb. sack and 6c. per 100-lb. sack became effective. On January 1, 1945, there was another allowance of 5c. per 75-lb. sack and 7c. per 100-lb. sack, with no further storage allowance until March 1.

#### RATION BOOKS Nos. 3 AND 4 EXPIRE **DECEMBER 31**

All coupons in Ration Books 3 and 4 expire on December 31, 1944. These are the 10 "F" coupons for canning sugar; sugar coupons 14 to 45; "D" coupons 1 to 16; and preserves coupons 17 to 32, all inclusive.

#### **BUTTER RATION CHANGES**

To adjust consumption to supply during the winter months, changes have been made in the butter rationing system. These changes affect monthly coupon returns of primary producers covering sales or household use of butter. Starting January 1, 1945, butter coupons become good one at a time instead of in pairs and will remain valid until declared invalid.

Valid dates for the first four months of 1945 are as follows:-

Date	Coupon	Date	Coupon
January 4		March 1	14.75
11	92	8	98
18	93	15	99
25	94	22	100
	San makent	29	a de Mari
February 1	Section 1	April 5	101
8	95	12	102
15	96	19	103
22	97	26	100 41.00

#### **SLAUGHTERING REGULATIONS**

Farmers who slaughter cattle, calves, sheep and lambs for the meat trade still require a permit. Carcasses must be stamped with the letters WPTB and the slaughterer's permit number. Beef, except Red Brand, must also be stamped with a number to indicate quality. Mutton must be stamped with the number 4.

Beef intended for sale must be defatted at the time of slaughter, as ceiling prices are based on defatted meat. Full details may be found in slaughtering circulars No. 5A and No. 7, which may be obtained from any Board office.

For further details of any of the above orders apply to the nearest office of the Wartime Prices and Trade Board.

gation season, has broken all previous gation season, has broken an previous records. The total amount of grain shipped has been 441 million bushels, made up of: 291 million bushels of wheat, 80 million of oats, 55 million of barley, 8 million of rye and 7 million of flax.

This is a remarkable achievement

This is a remarkable achievement and is the fruit of the efforts which have been made by our prairie farmers, the Grain Trade, the Wheat Board and transportation companies, all working smoothly together just like a well-oiled highly efficient machine, to produce and to move essential foodstuffs to our fighting men and to civilians in war areas.

The public and the Government should be highly gratified with these results. It has been done quietly, with very little fuss, and, let it be said, for only quite moderate rewards to all

quite moderate rewards to all

concerned.

In the present struggle, Canada is using about 50 per cent of its entire resources solely for military purposes, and all war costs have been, and are being, met inside Canada.

#### Germination Test

GROWERS are advised that before GROWERS are advised that before seed can be given final inspection and sealing by the Plants Products Division, a germination test establishing the viability of the seed must have been made by that Division. C. A. Weir, Acting District Supervisor, recommends that growers send at least a compound sample of clean seed to a one-pound sample of clean seed to the Plant Products Division, Immi-gration Building, Calgary, and ask for a germination test and seed grade. The sample must be representative of the whole bulk of seed from which it was taken, and a fee of 75c must accompany the sample.
Growers should forward their sam-

ples at an early date so that when ready for sealing services they will not have to wait for evidence of satisfac-

tory germination.

#### Saskatchewan Crop Failure

WARNING to farm mortgagors and WARNING to farm mortgagors and purchasers who are in a position to obtain benefits under the crop fallure clause of the Farm Security Act, passed at the special session of the legislature, that they must give notice to the mortgagee or vendor before Dec. 30, 1944, was issued by Acting Premier J. W. Corman, K.C. No benefits under the act can be obtained unless such notice is given before that date, with the onus of giving such notice on the mortgagor or purchaser. Mr. Corman said the notice must be given personally or by registered mail on or beally or by registered mail on or be-fore Dec. 30. The attorney-general's department could not prepare or su-pervise the sending out of such notices.

Under the act, crop failure is defined as a year in which, due to causes beyond the control of the mortgagor or purchaser, the returns from the crop amount to less than \$6 per acre sown to grain.

#### **Green Feed Shortage**

GREEN feed is a necessary addition to poultry rations at any time, but more especially during a long winter season. Sometimes this fact is over-looked when the birds are housed during the winter, but green feed in one form or another at that time is important. Green feeds are available in two forms: green and dried.

## ROPS

#### Good Seed Scarce

farmers are advised to give mmediate consideration to their requirements for next year. Good is in short supply. Only those or Certified Seed at an early date can be assured that their requirements will be met

will be met.

#### Alfalfa Seed Shortage

TT is estimated that in Eastern Canada there is not enough alfalfa seed to provide the normal planting requirements needed to maintain maximum production of meats, dairy and poultry products, the Agricultural Supplies Board states.

Supplies Board states.

Western Canada has surplus alfalfa seed, but as its normal market is in the U.S.A. the seed is purchased from growers at a price which does not permit payment of the increased freight on shipments to Eastern Canada and distribution there within the retail ceiling price of \$37 per 100 lbs., said the Board. the Board.

order to provide for alfalfa seed In order to provide for altairs seed requirements of Eastern consumers on a basis that is equitable to Western producers, the Board has undertaken to rebate to the buyer the carlot freight rate from Winnipeg to Eastern destination on shipments of alfalfa seed which have been approved by the Seeds Administrator prior to shipment.

The approval of the Seeds Administrator, Ottawa, must be obtained before shipment is made.

#### Result of Oats Test

THE results of rust resistant oats tests conducted at the Dominion Experimental Farm, Brandon, Manitoba, failed to show any great difference in the yielding ability of the varieties Ajax, Exeter, and Vanguard. The average yields for the three years, 1942-44, were: Ajax, 127 bushels; Exeter, 125 bushels, and Vanguard, 121 bushels. For the same period, Banner averaged 110 bushels, and Gopher, 111 bushels per acre.

averaged 110 bushels, and Gopher, 111 bushels per acre.

From the standpoint of maturity, Ajax was three days earlier than Vanguard and six days earlier than Exeter. Both Ajax and Vanguard showed good strength of straw. Exeter was inclined to lodge, being similar in that respect to Banner. Exeter had a somewhat larger seed than Banner and Vanguard but no real difference existed in weight per bushel, Exeter had the highest percentage of hull and Vanguard the lowest.

Vanguard the lowest.

#### Vegetable Storage

AT this time of the year a thorough A this time of the year a thorough examination of all vegetables in storage is timely and well advised. Soft rots are appearing in many vegetables, states A. M. Wilson, Field Crops Commissioner. This is particularly noticeable in potatoes, where frost damage prior to digging has resulted in rotting organisms becoming active.

Vegetables damaged in one way or

Vegetables damaged in one way or another when being harvested may not all have been discarded with the result that they are showing evidence of breaking down by moulds and soft rots. Unless these are removed now, the damage will spread and otherwise sound vegetables will be affected also. High temperatures in the storage cellar cause vegetable rotting organisms to increase rapidly. It is necessary, therefore, to keep temperatures around the 40° F. mark and to pick the vegetables over and remove those that are now showing any sign of breaking down. The timeliness of picking over these vegetables is important in that if they are left too long total loss may result.